



Keystone View Visionary Software 2013

User Manual

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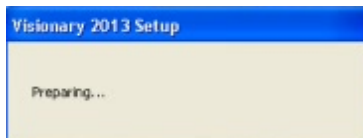
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1 Installation

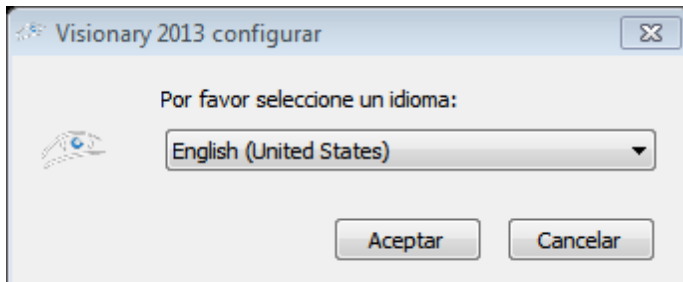
1.1 General

Once you have the Keystone View Visionary 2013 Software setup file, double click the left mouse button to open it. The screen will show a series of images and explain them step-by-step to facilitate the necessary configuration for program operation.

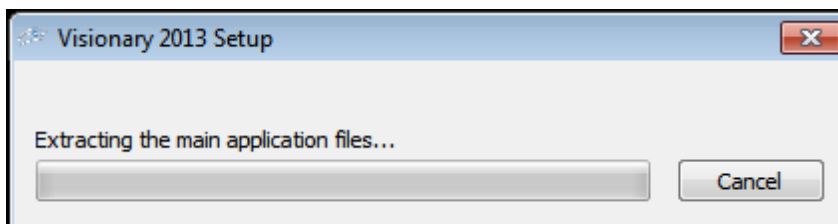
Keystone View Visionary 2013 Software Installation



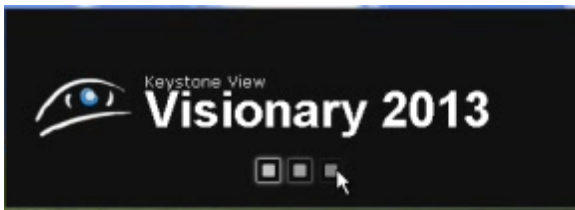
Automatic preparation of the application.



There are five languages available for the installation as shown above. Note that the language selected here is for the installation and setup process, not the Keystone View Visionary 2013 Software.



Scanning your computer to determine which system requirements are already installed. Please do not cancel this step or you may experience problems with the installation.



Requirements/characteristics that are not part of the installation, but are necessary on your computer.



The screen above declares the hard drive space required for the Keystone View Visionary 2013 Software installation and the installation path. Do not change the installation path.



Once you have read the license terms and conditions, click the box to accept them. After checking the box, the "INSTALL" button will be available to continue the installation.



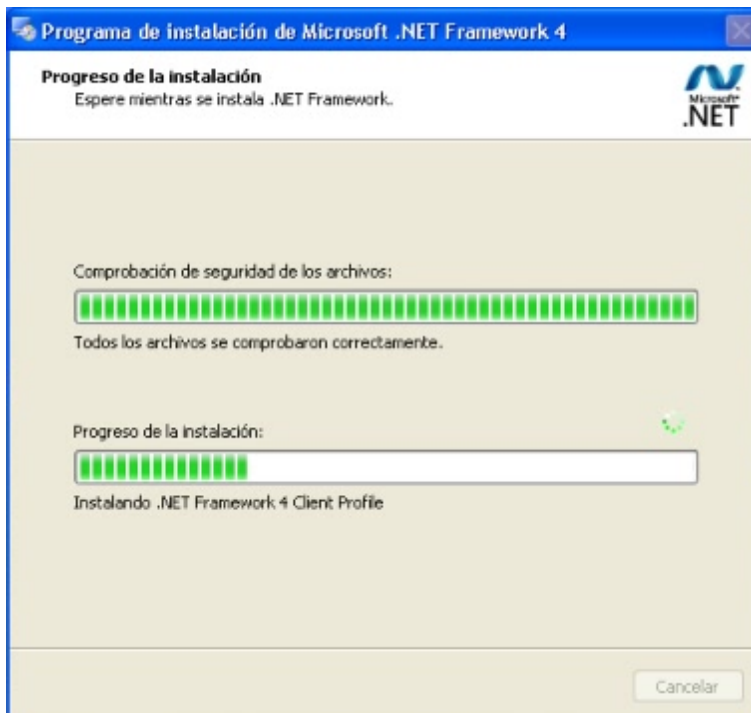
This screen depicts the installation proceeding.



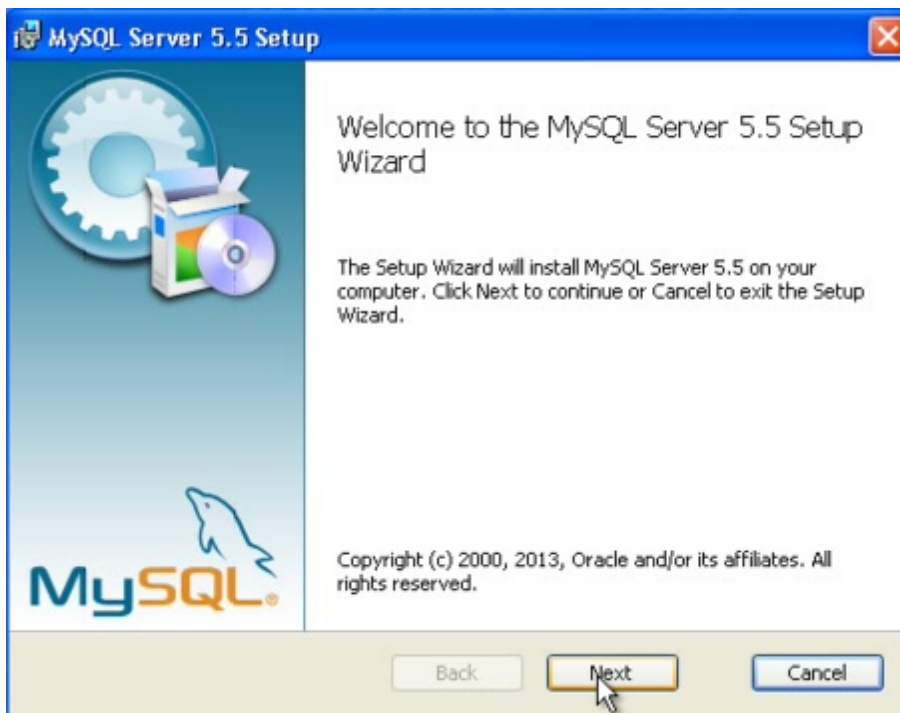
Once the prerequisites are downloaded, Setup will automatically proceed to install them.



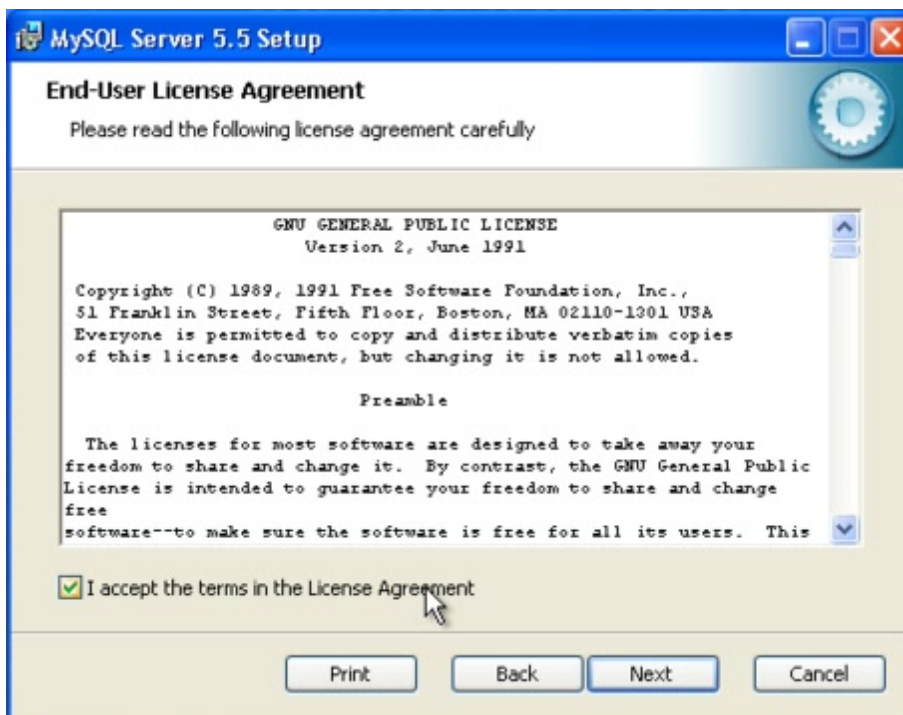
Setup is installing the prerequisites.



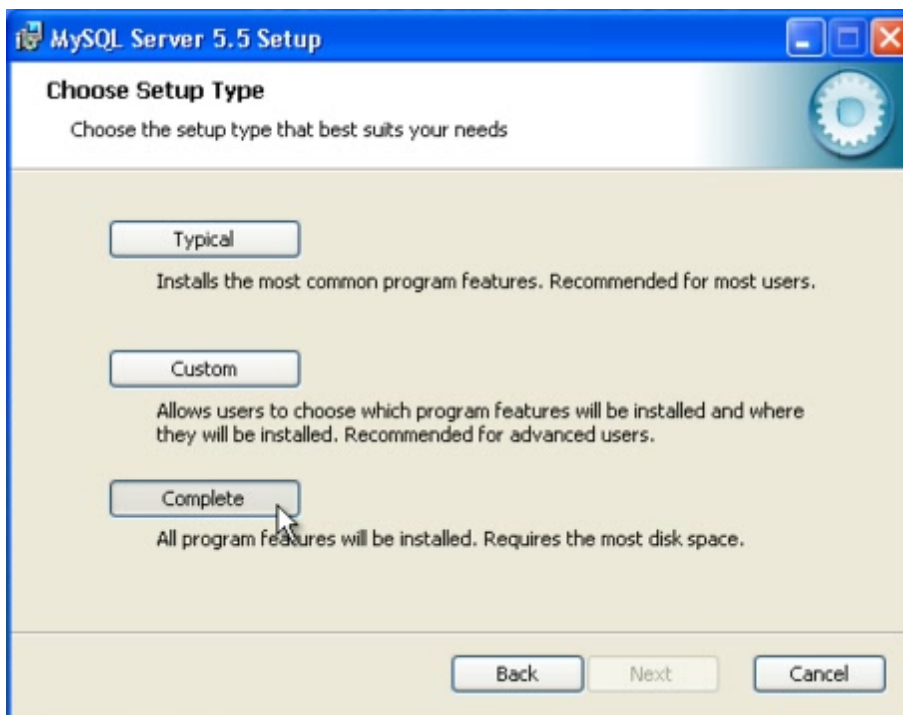
This screen shows the installation of Microsoft .NET Framework 4 which is a prerequisite for the Keystone View Visionary 2013 Software. This step will be omitted if the Microsoft .NET Framework 4 is already installed on your computer.



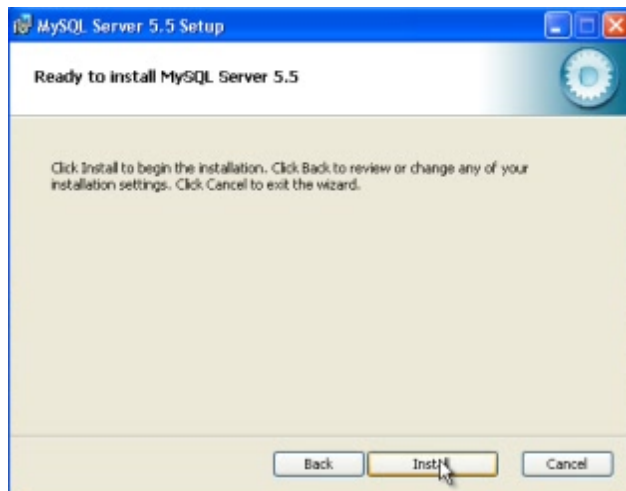
Installation of the MySQL database. Click next to initiate the installation.



This screen shows the terms and conditions of MySQL that must be accepted in order to continue.



Click on "Complete" and then "Next" to continue.



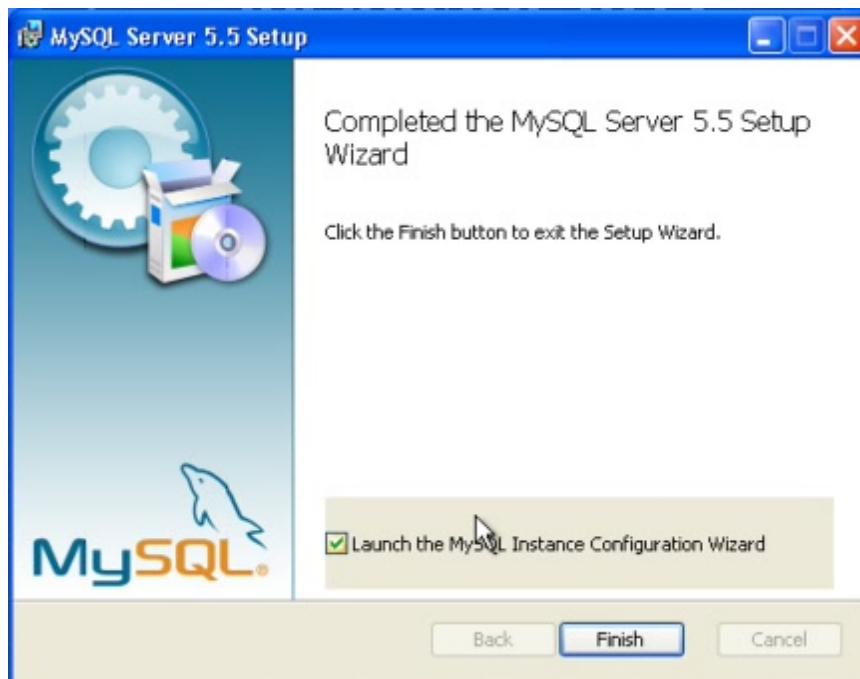
Click install to initiate MySQL installation.



Click "Next".



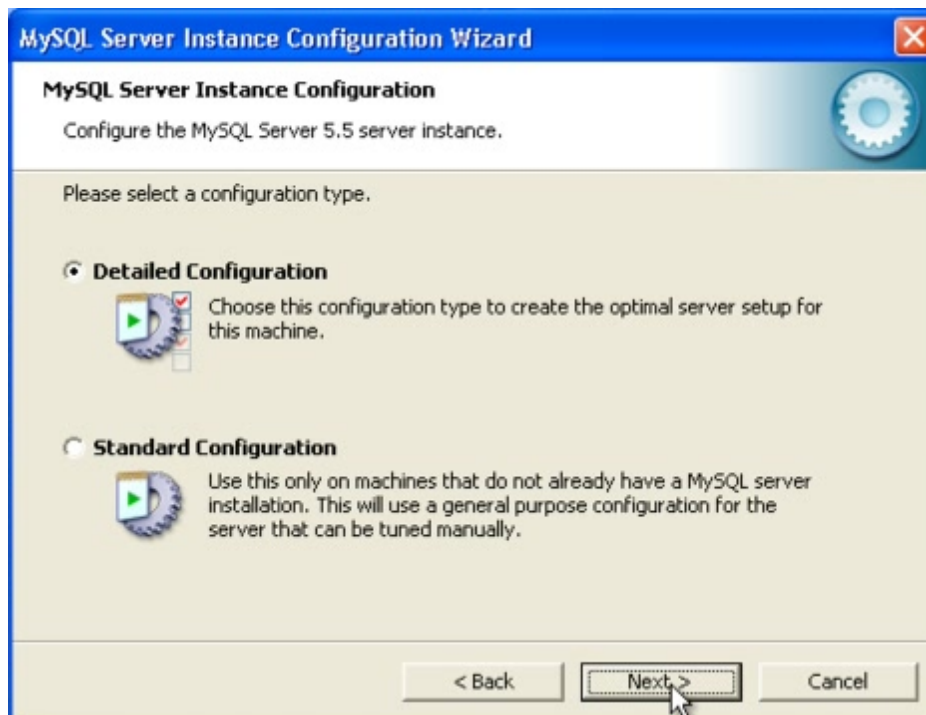
Read and click "Next".



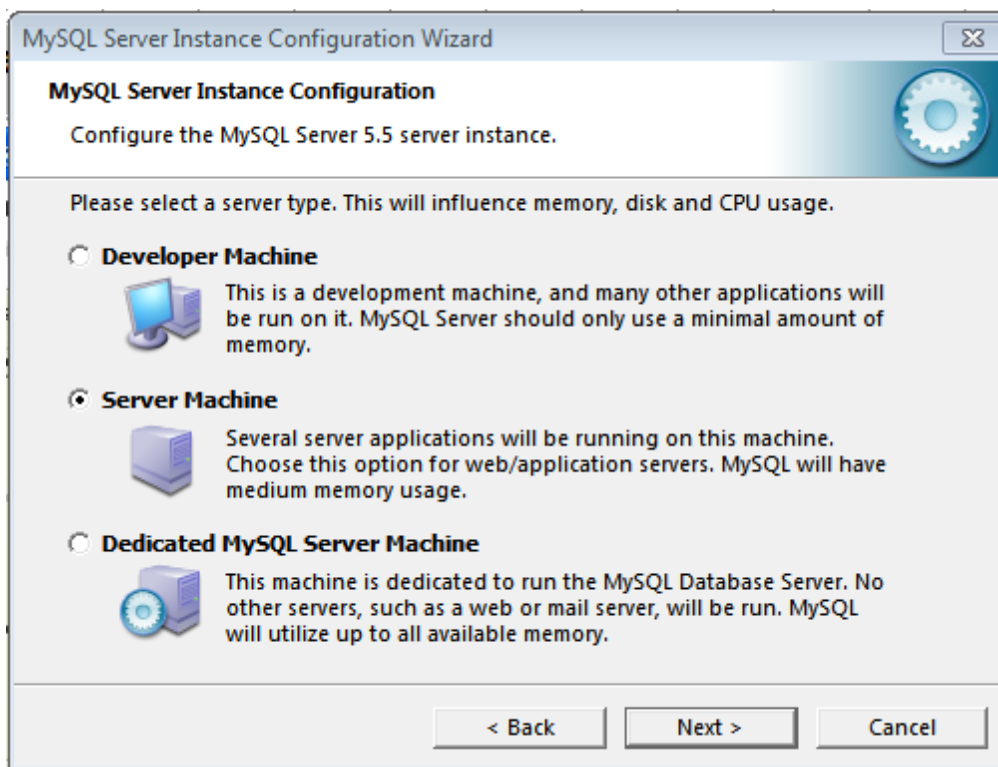
Check the "Launch the MySQL Instance Configuration Wizard" box and click "Finish".



Click "Next".



Select "Detailed Configuration" and then click "Next".



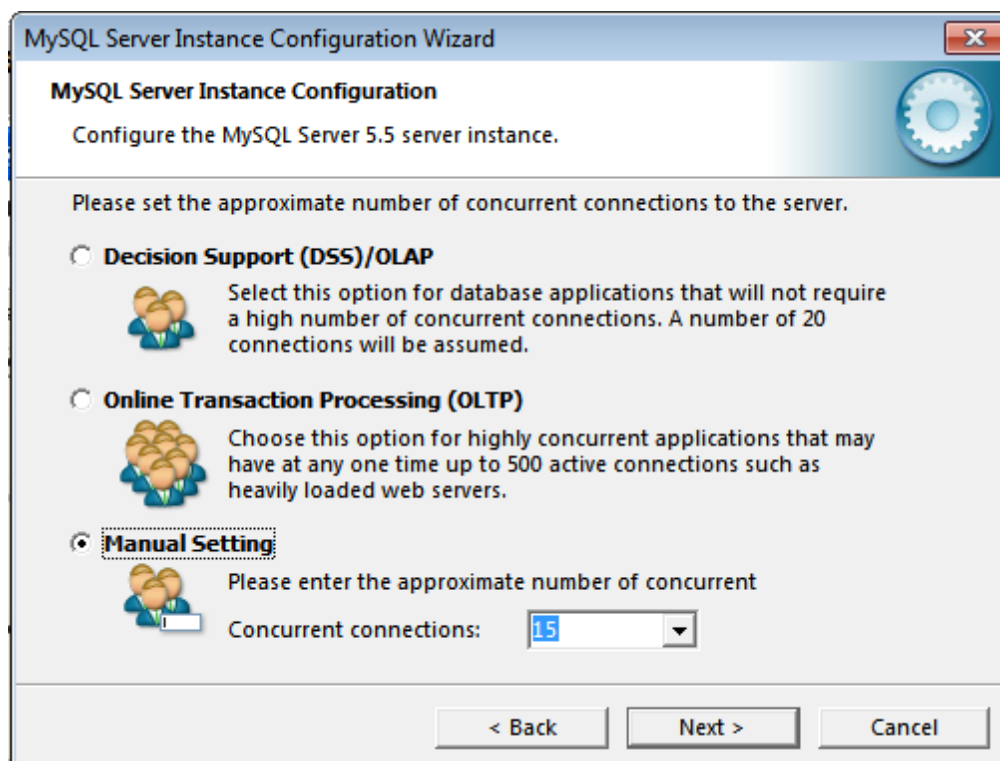
Select the "Server Machine" option and click "Next".



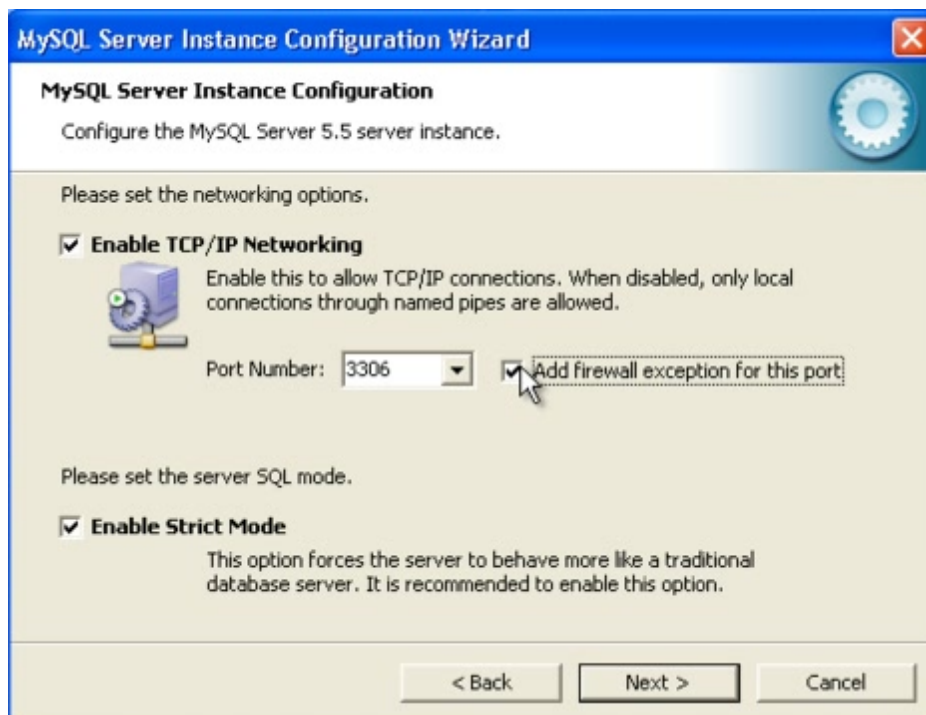
Select the "Multifunctional Database" option and click "Next".



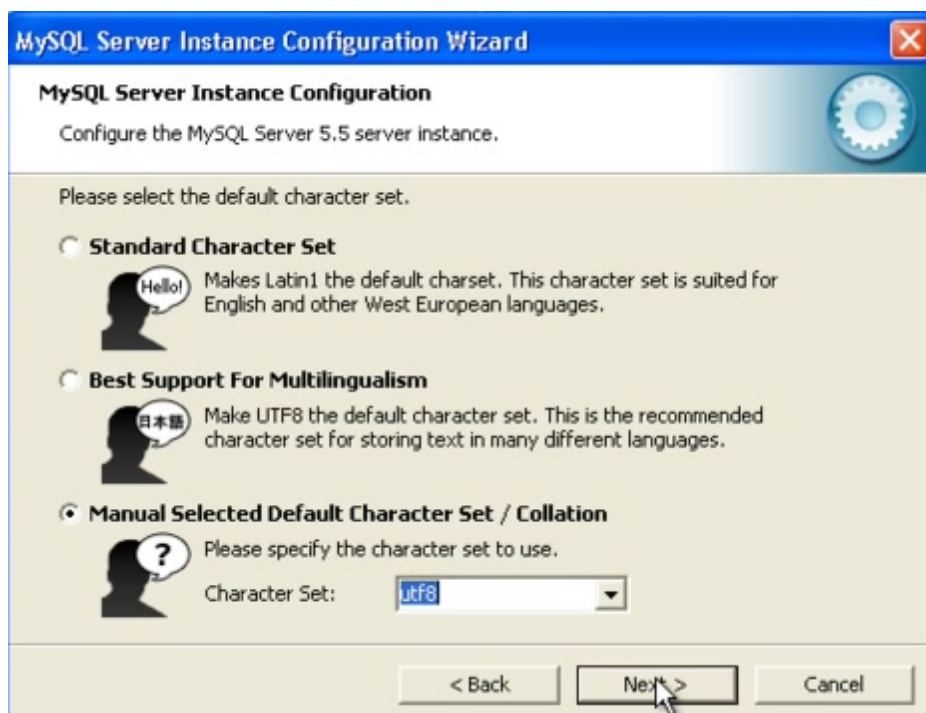
In this screen the recommended disk space for the MySQL installation is shown. If you have enough space available, leave it unchanged. Otherwise, choose the amount of storage space you wish to dedicate to MySQL.



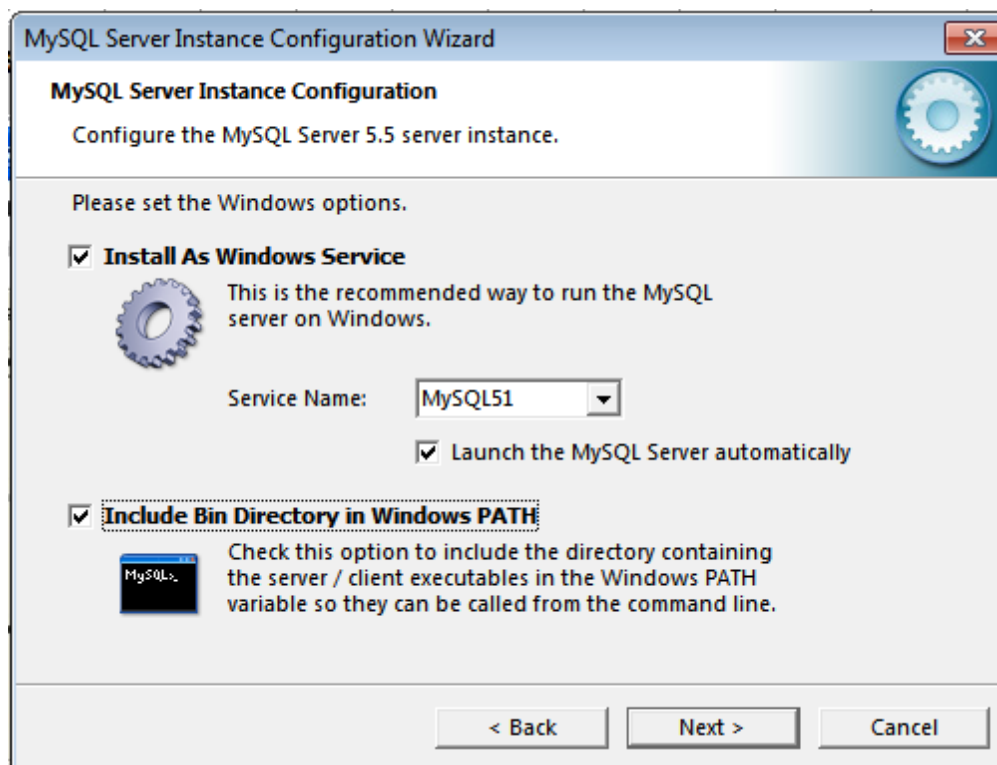
Select "Manual Setting" with 15 concurrent connections. (15 is the default.) Click "Next".



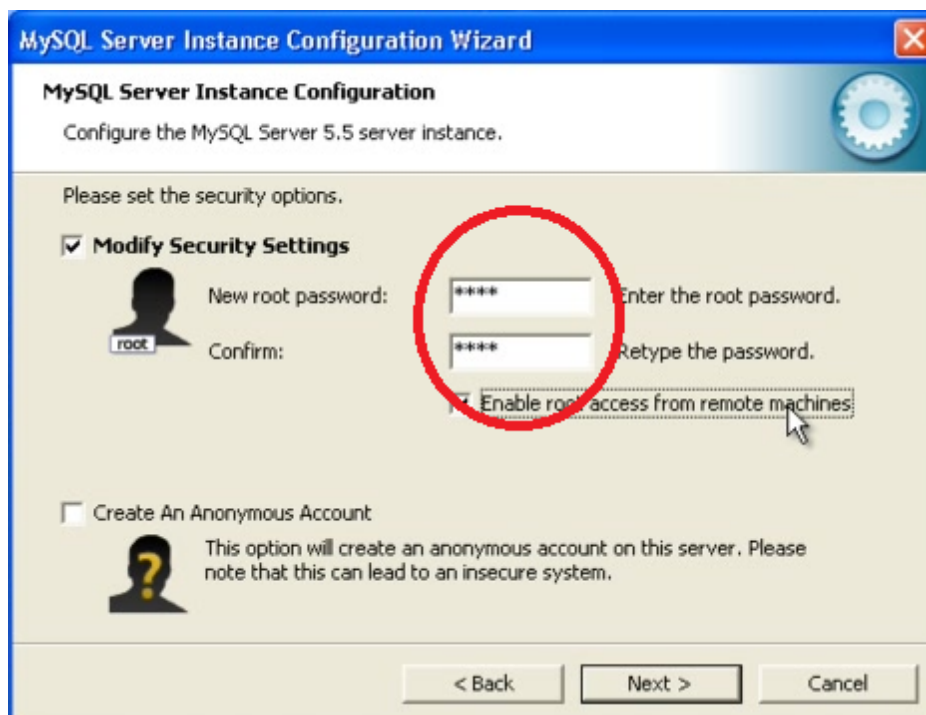
Configure as the screen above shows. Ensure the "Add firewall exception for this port" box is checked to prevent anti-virus software from blocking MySQL. Click "Next" to continue.



Select the last option and type "utf8" in the "Character Set" box, as shown in the screen illustration above.

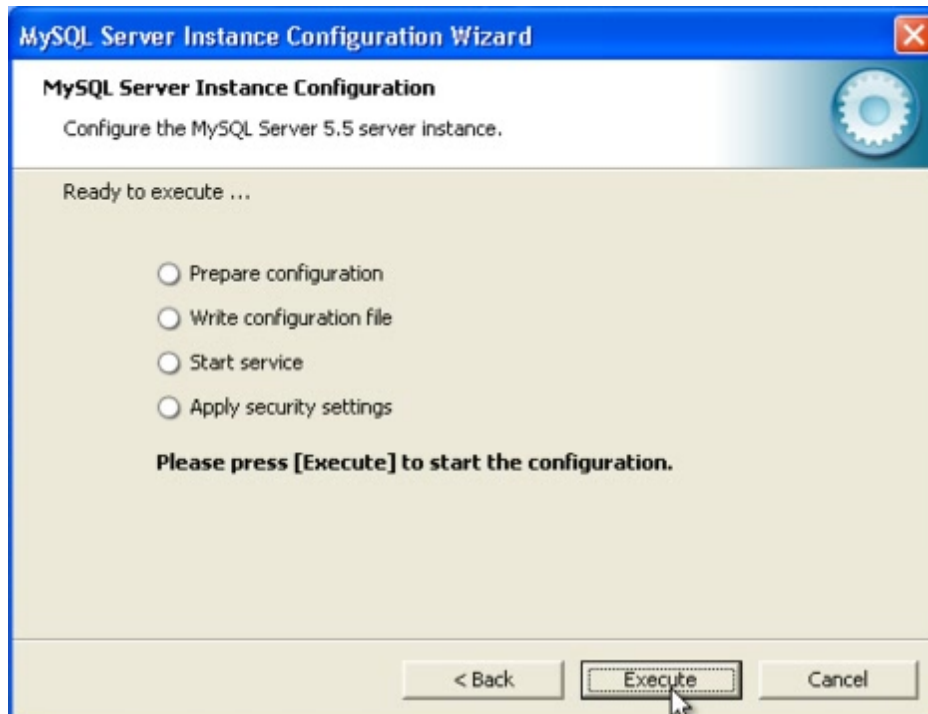


Select "Install As Windows Service" and enter "MySQL51" in the "Service Name" box. Also check the boxes for "Launch the MySQL Server automatically" and "Include Bin Directory in Windows PATH" as shown in the illustration.

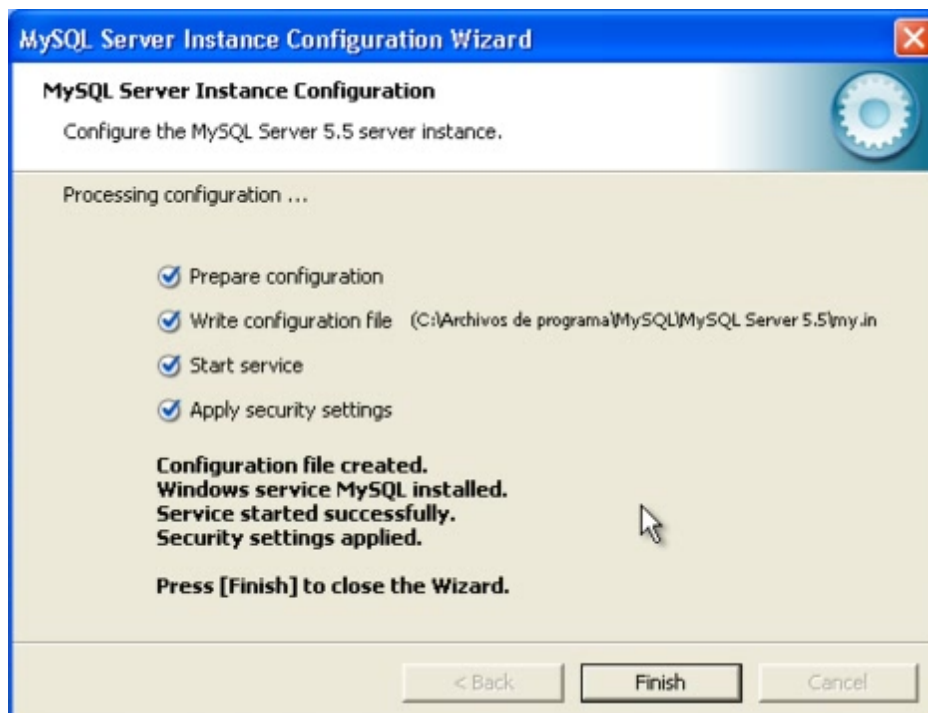


Check "Modify Security Settings". Create and enter a password in both boxes provided, that will be used by the MySQL administrator. Check "Enable root access from remote machines".

Note: The password created above will be used to launch the server for the first time. It is extremely important to safely guard it.



Click "Execute" to initiate the processes noted in this screen.



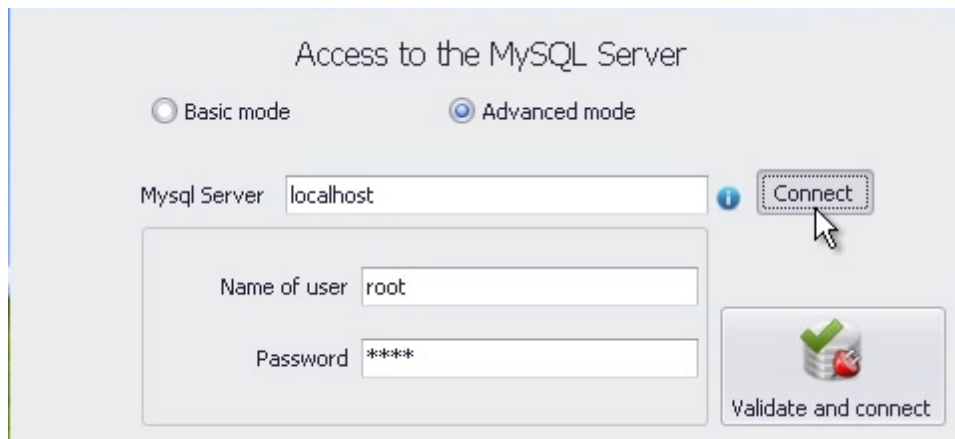
When the screen above appears, click "Finish" to complete the configuration.



Click "Finish to close the Keystone View Visionary 2013 Software setup. The application is now ready to run.

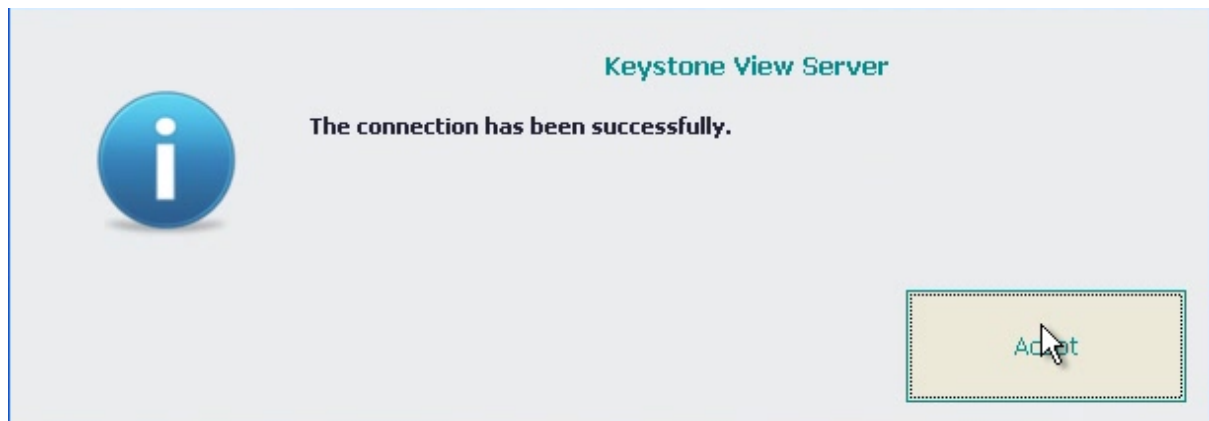
1.2 Configuration

The following series of screens show the initial configuration of the Keystone View Visionary 2013 Software needed when the client executes it for the first time.

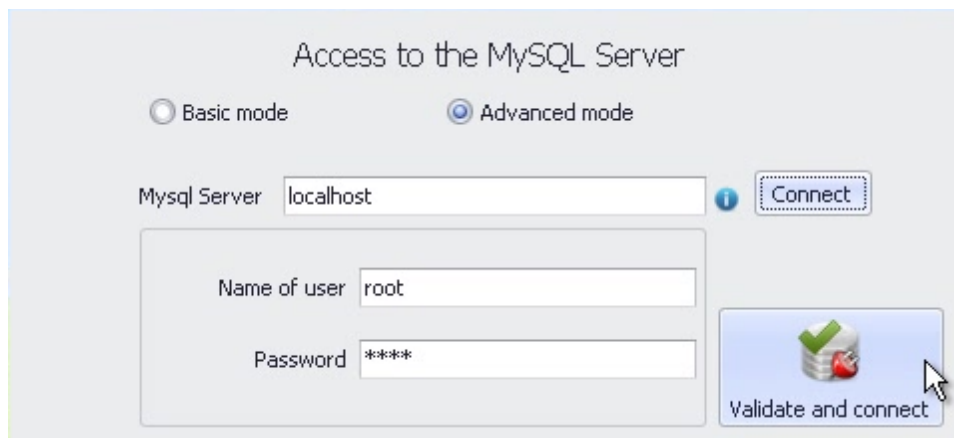


The screenshot shows a window titled "Access to the MySQL Server". It has two radio buttons: "Basic mode" (unselected) and "Advanced mode" (selected). Below the radio buttons, there are three input fields: "Mysql Server" with the value "localhost", "Name of user" with the value "root", and "Password" with the value "*****". To the right of the "Mysql Server" field is a blue information icon and a "Connect" button. Below the "Name of user" and "Password" fields is a "Validate and connect" button with a green checkmark icon.

The above screen will reflect information previously entered in MySQL to facilitate the server connection. Select "Advanced Mode". For "MySQL Server" enter "localhost" or "127.0.0.1". For "Name of user" enter "root" and use the password previously selected by the client. ([See "Setup".](#)) Click "Connect". If the information entered is correct, the next screen will appear. If it is not correct, click "Validate and connect".




If the data entered is correct, a screen like the one above will appear. Click "Accept" to proceed. If this screen does not appear, the information entered on the previous screen must be verified and corrected.



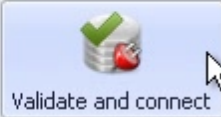
Access to the MySQL Server

☐ Basic mode ☒ Advanced mode

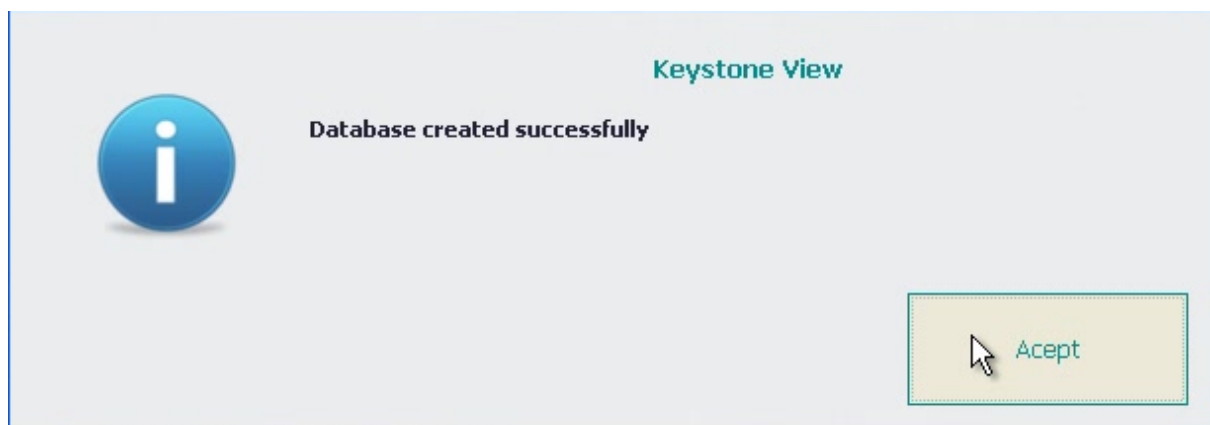
Mysql Server 

Name of user


Password



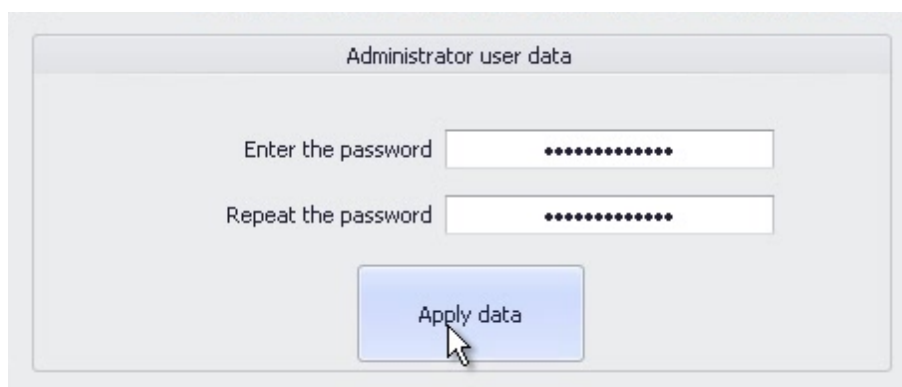
If the correct information has been entered and accepted, the screen above will appear again. Click "Validate and Connect" to continue.



Keystone View

 Database created successfully

Click "Accept". **Note:** If the Keystone View database does not exist in the MySQL server, the Keystone View Visionary 2013 Software will create one, but will not show this screen.

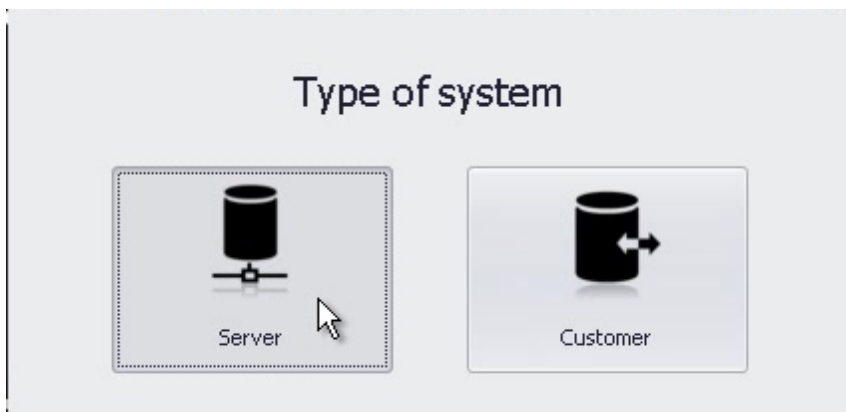


Administrator user data

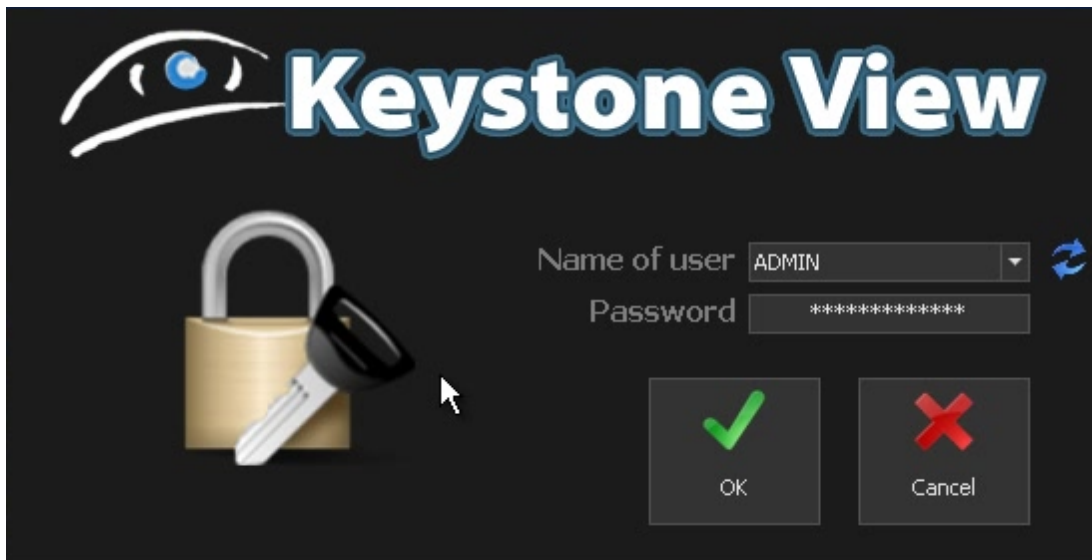
Enter the password

Repeat the password

Choose an Administrator password that must contain characters such as "@, \$, &, %, ?", at least one capital letter, at least one number, some lower case letters, and is a minimum of 8 characters. Enter it and repeat enter it on this screen. This is a very important login password that will be used each time the Keystone View Visionary 2013 Software is accessed. Guard it carefully.



"Type of System" available options: 1) "Server" where an individual computer actually functions as its own server which allows other users to access the database; and 2) "Customer" where an individual computer will connect to a different server for database access, but also has its own database as a backup in case the primary server fails. Click on the option of choice.



In the screen above, type in the Administrator password that was previously chosen. Click "OK". The Keystone View Visionary 2013 Software is ready to use.

2 Introduction

2.1 Keystone View Visionary 2013 Software

The Keystone View Visionary 2013 Software is designed to perform vision screenings using a Keystone View Vision Screener.

THE IMPORTANCE OF VISION SCREENING

Good vision gives us control over and in our environment. A significant portion of all information is acquired through the eyes. It is essential that children have adequate vision to learn well which leads to good overall development. Adults must have good vision for all aspects of their lives. Examples are education, security, sports participation, entertainment enjoyment, personal and professional interactions, everyday activity performance, to name but a few. It is said that in the USA around 40% of the population has some type of visual dysfunction. Fortunately, more than 95% of those cases may be turned around through corrective or therapeutic interventions. Vision screening is one of the ways to attain that rate of success by determining if a person is within the acceptable parameters of good vision or may need more extensive tests or treatments from a vision professional.

2.2 System Requirements

The Keystone View Visionary 2013 Software adapts to the latest Windows graphic design technology. It may only be installed on the following Windows operating systems: Windows XP SP1, Windows Vista, Windows 7, and Windows 8. See the following information:

The system (hardware) requirements for the Keystone View Visionary 2013 Software are:

Windows XP requirements:

| Requirements | Minimum | Optimal |
|----------------------------|------------------|-----------------------------|
| Available hard drive space | 500 MB | 1 GB |
| RAM | 512 MB | 1 GB |
| Video card | 128 MB | 256 MB |
| Processor | 2.3 GHz | 1.7 Ghz dual-core (64 bits) |
| USB port 2.0 | 1 Available port | 1 Available port |

Windows Vista, Windows 7, Windows 8 requirements:

| Requirements | Minimum | Optimal |
|----------------------------|---------|-----------------------------|
| Available hard drive space | 1 GB | 1.5 GB |
| RAM | 1 GB | 2 GB |
| Video card | 256 MB | 512 MB |
| Processor | 2.3 GHz | 1.7 Ghz dual-core (64 bits) |

| Requirements | Minimum | Optimal |
|--------------|------------------|------------------|
| USB port 2.0 | 1 Available port | 1 Available port |

Windows XP, Windows Vista, Windows 7, Windows 8 configuration:

| Requirements | Minimum |
|-------------------|---------------|
| Screen resolution | 1024 x 768 px |
| Color quality | 32 Bits |

Note: It is recommended that an internet connection be enabled.

Windows XP, Windows Vista, Windows 7, Windows 8 required applications:

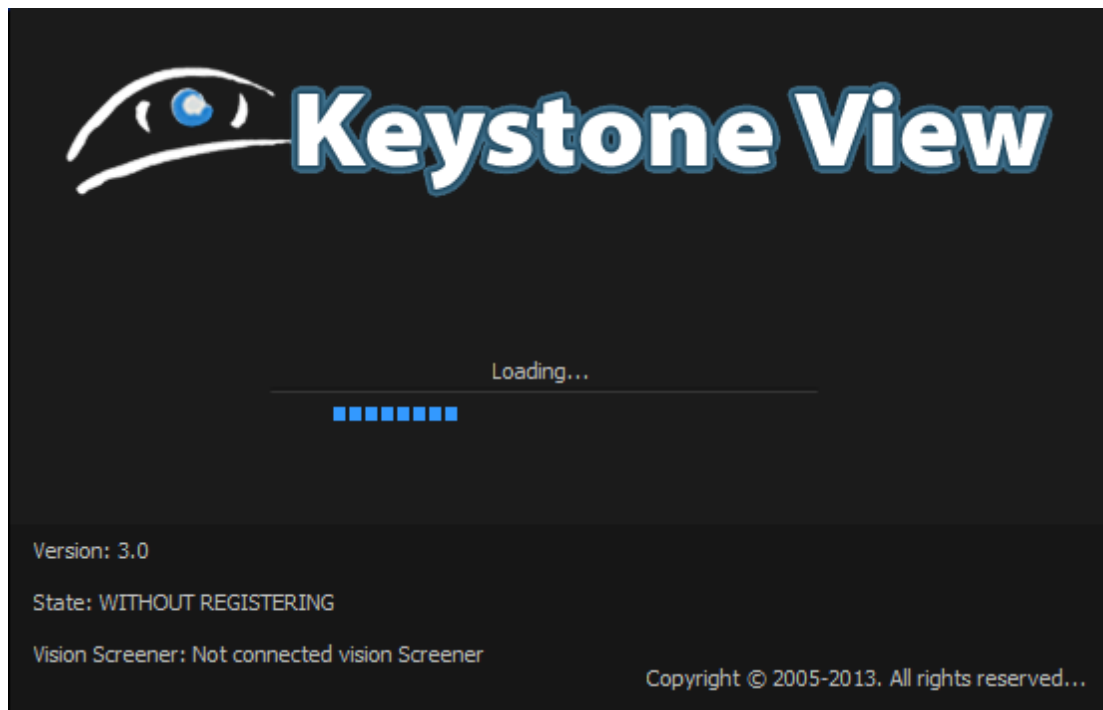
| Requirements | Required Version |
|--|------------------|
| Windows Installer | 3.1 |
| .Net Framework | 4 |
| MySQL Server | 5.5.10 |
| MySQL .Net connector | 6.5.5 |
| Adobe Reader or similar | 8.0 or greater |
| Windows Media Player (or another video player) | 11 |

3 General

3.1 Basics

3.1.1 Initiating the System

Home screen




When "Loading" appears in the dialogue box shown above, please wait. The software is initializing information needed for the system to run.

Login screen



In this screen, the necessary user data must be entered for access to the system.

- "Name of user" shows a list of all available users and provides the refresh icon beside the

input area (). The refresh function is to update all the system users when the server connection changes or when the software is started in offline mode.

- "Password" is appropriate to the selected user and must be entered in this text area.

- "OK" button accesses the program.

- "Cancel" button closes the program.

The lower portion of this illustration shows "Advanced Options". These settings provide a way to change the connection made to the MySQL server to initiate offline mode which would be used if the computer is acting as both client and server.

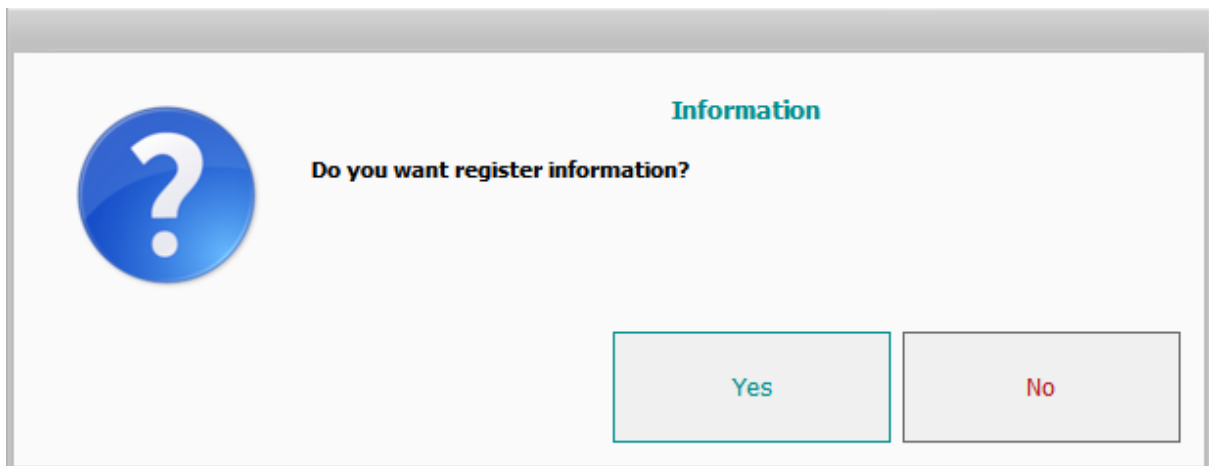
3.1.2 Messages

Messages

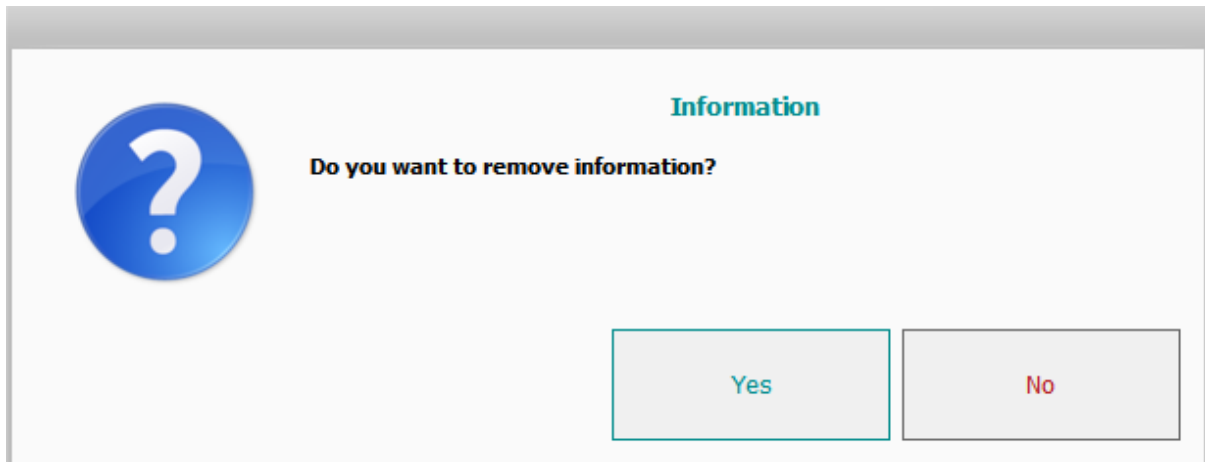
The following three screen illustrations show some types of messages used in the Keystone View Visionary 2013 Software for better comprehension, visualization, and navigation of the program by the end user. There is an option which disables all messages. However, the user should be aware that disabling messages will automatically confirm all messages that require it and hide those messages that only show information.

Note: While messages are disabled, error reports will be sent to Mast Concepts for analysis and automatic software updates will be activated.

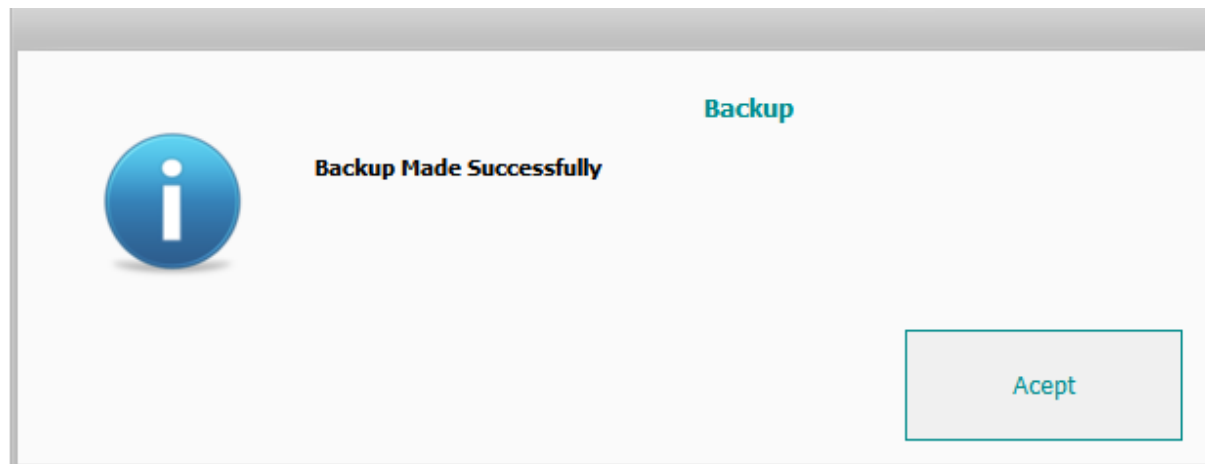
Saved message



Deleting message



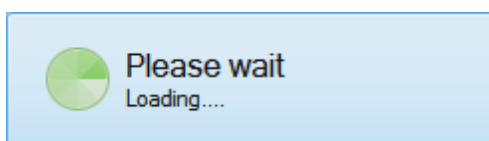
Information message



3.1.3 Loading

Loading screen

This screen is shown while executing actions that influence the system. For that reason, the duration of the loading screen will vary.

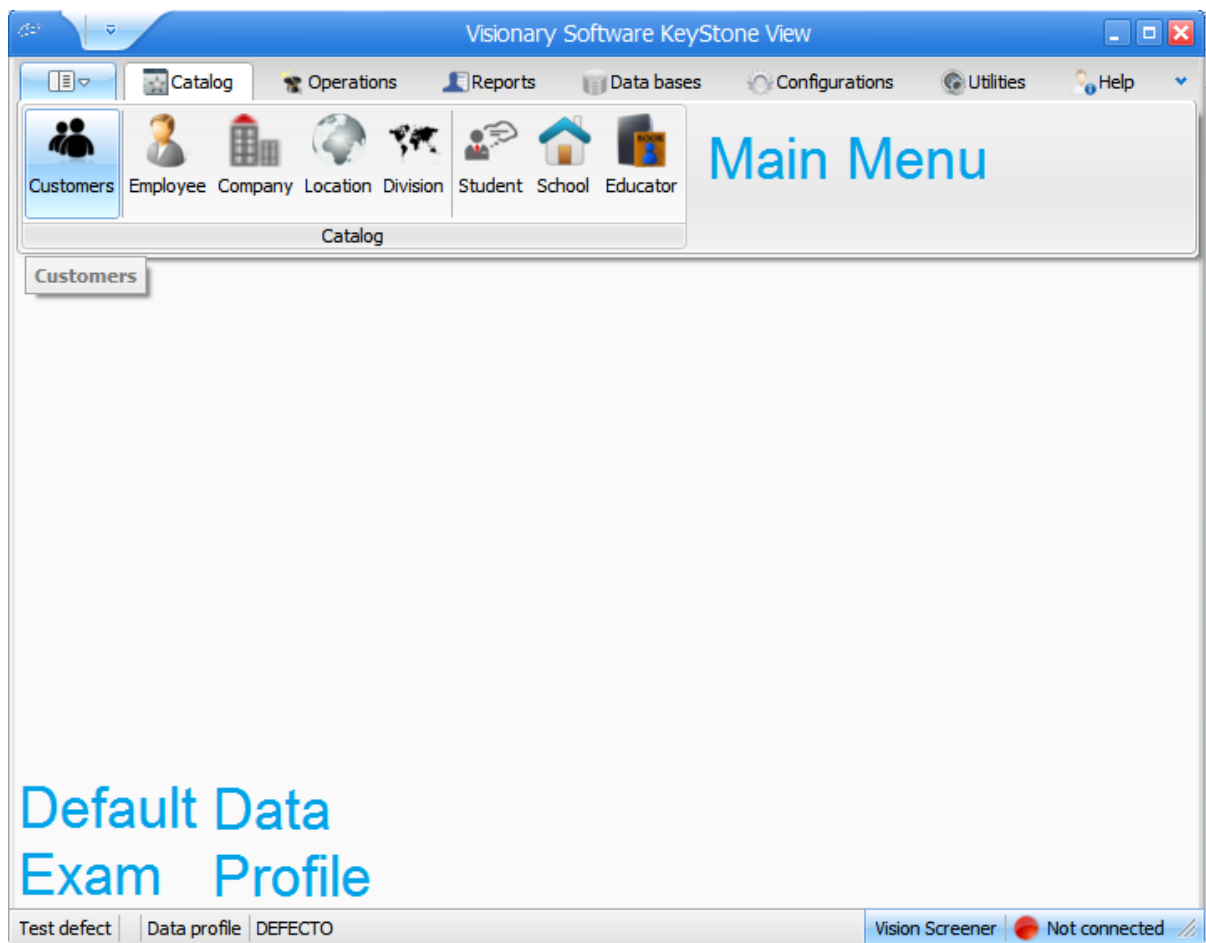


3.1.4 Home screen

Home screen

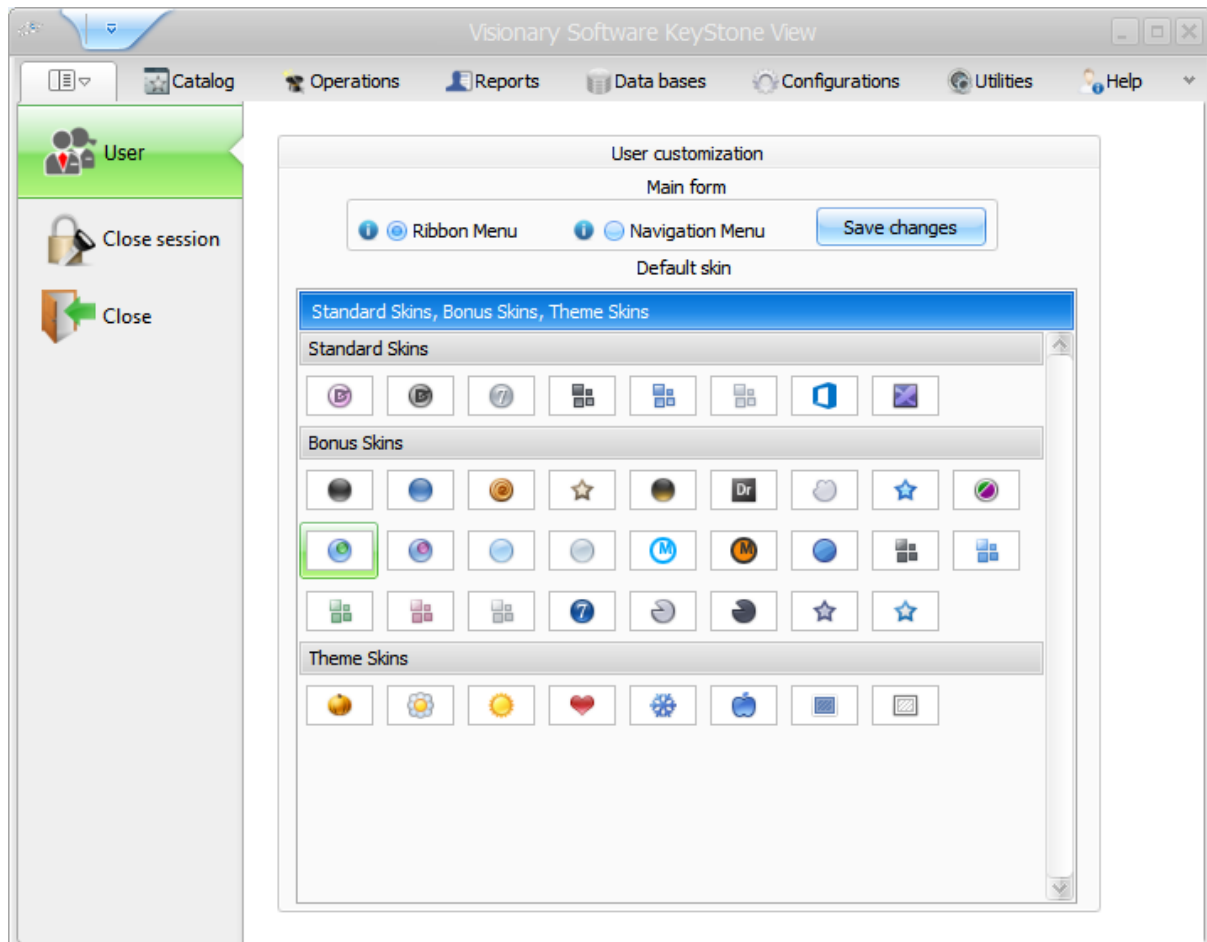
The home screen can be shown in 2 modes, these are configurable for any user without affecting the other users or skins.

Ribbon tab form mode



Skins

This screen shows a series of skins (themes) that can be selected in order to change the visual appearance and navigation of the Keystone View Visionary 2013 Software to your liking.



Home screen sections:

- Main menu

Shows a series of shortcuts, divided into various categories according to function, to provide easy navigation.

- Default examination

Shows the default examination for the vision screener being used.

Note: If no vision screener is found, the default exam for the standard vision screener is shown.

- Data profile

Shows the data profiles that are permitted to enter client information into the system. These can be changed or defined as needed.

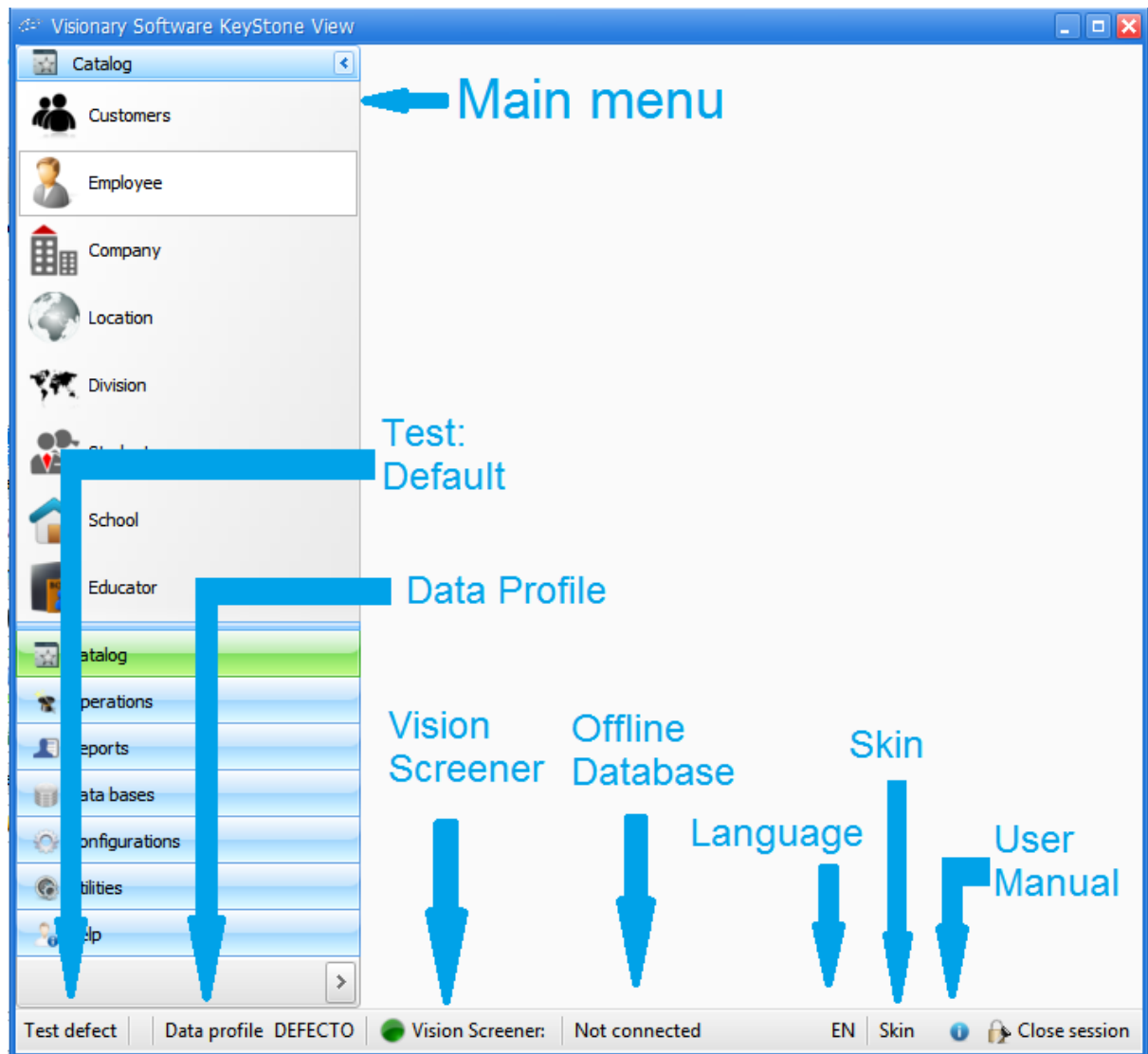
- Vision screener

Shows the vision screener status, and information about the type and model of the vision screener.

- Offline database

Shows the database status, indicating whether it is offline (locally connected) or online (connected to an external server).

Navigation tab form mode



Home screen sections:

- Main menu

Shows a series of shortcuts, divided into various categories according to function, to provide easy navigation.

- Default examination

Shows the default examination for the vision screener being used.

Note: If no vision screener is found, the default exam for the standard vision screener is shown.

- Data profile

Shows the data profiles that are permitted to enter client information into the system. These can be changed or defined as needed.

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Shows the vision screener status, and information about the type and model of the vision screener.

- Offline database

Shows the database status, indicating whether it is offline (locally connected) or online (connected to an external server).

- Skins

Shows a list of skins (themes) that can be selected in order to change the visual appearance and navigation of the Keystone View Visionary 2013 Software to your liking.

- Languages

Shows the list of available languages.

- User manual

Shows a shortcut to the User Manual which can be consulted at any time for help with the Keystone View Visionary 2013 Software.

3.1.5 Search

Search screen

This screen shows the list of data in the system. The data may be filtered or sorted by any field.

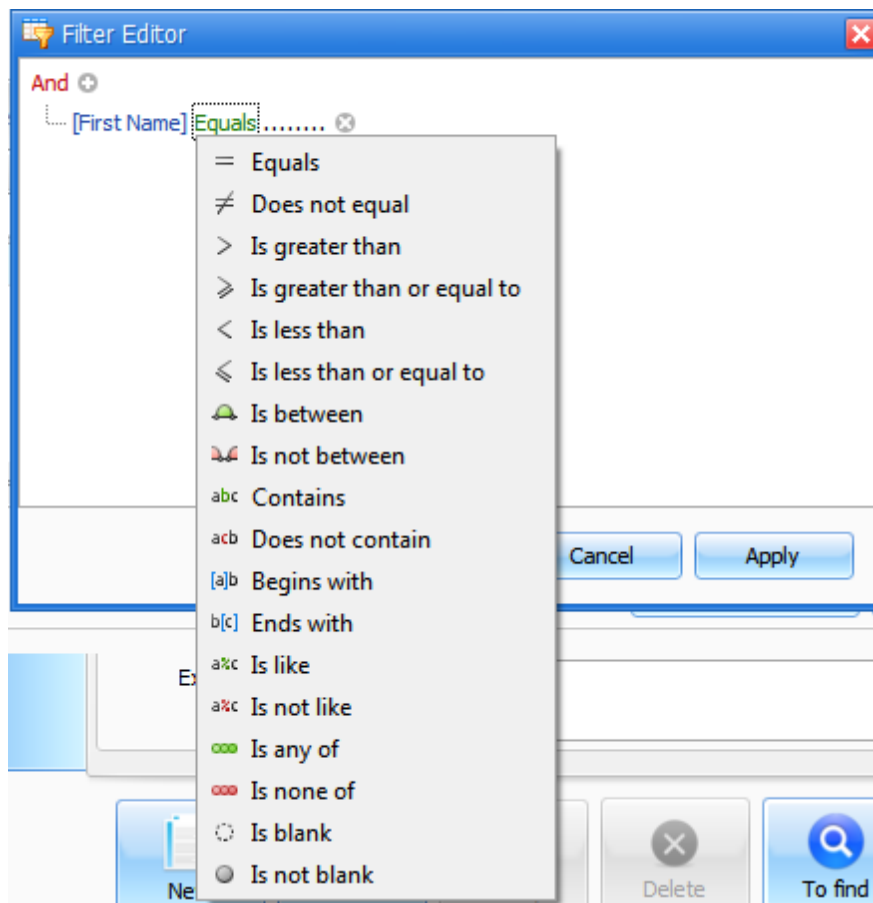
To filter the displayed fields, enter a value in the first row of each column

Drag a column header here to group by that column

| | Code | SSN | First Name | Middle Name | Last Name |
|---|------|-------|------------|-------------|-----------|
| ▼ | | | | | |
| | 3 | 12345 | | | |
| > | 1 | 1 | | | |

OK Cancel

There is also an option to create a personalized filter. Clicking the "Edit Filter" button will show a screen like the one below.



Here you can see the list of options available for constructing a custom filter to more efficiently look for the desired information.

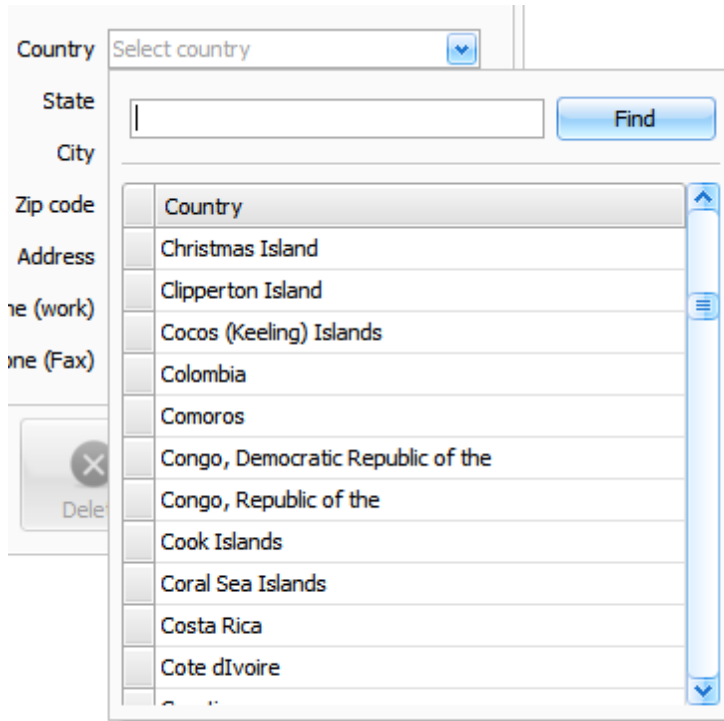
3.1.6 Selectors

Selectors

Clicking the selector in the space next to the label brings up a window for searching items. At the bottom of the new window, there is a button to add a new item.

Some selectors are:

Country selector



The image shows a web form with several input fields: Country, State, City, Zip code, Address, Phone (work), and Phone (Fax). The Country field is currently selected, and a dropdown menu is open, displaying a list of countries. The list includes Christmas Island, Clipperton Island, Cocos (Keeling) Islands, Colombia, Comoros, Congo, Democratic Republic of the, Congo, Republic of the, Cook Islands, Coral Sea Islands, Costa Rica, and Cote d'Ivoire. A 'Find' button is located next to the State field. A 'Delete' button with a red 'X' icon is visible on the left side of the form.

| Country |
|-----------------------------------|
| Christmas Island |
| Clipperton Island |
| Cocos (Keeling) Islands |
| Colombia |
| Comoros |
| Congo, Democratic Republic of the |
| Congo, Republic of the |
| Cook Islands |
| Coral Sea Islands |
| Costa Rica |
| Cote d'Ivoire |

In some cases (such as in the illustration above) there will not be a button to add a new item because all possible items have already been added or because the number of items has been limited by the system.

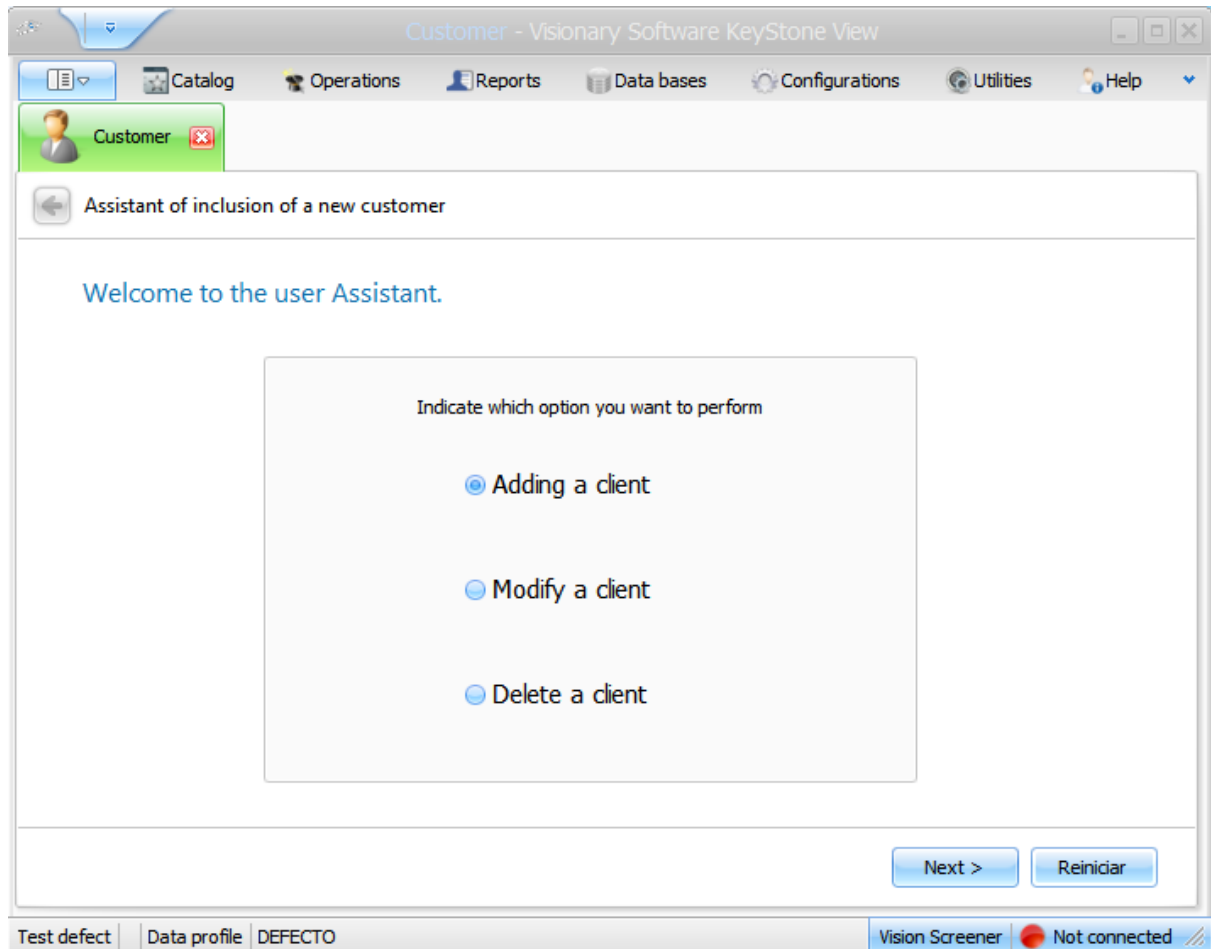
3.2 Catalog

3.2.1 Customer

Customer Wizard

The customer wizard integrates operations for employees (with a company, location, and division) and students (with a teacher and institution). The customer wizard can be used to add, modify, or delete customers.

Action Step



This screen defines the actions that can be performed on clients: add, modify, or delete.

Customer Type Step

Customer - Visionary Software KeyStone View

Customer

Assistant of inclusion of a new customer

Type of customer

Select a customer type

☐ Student

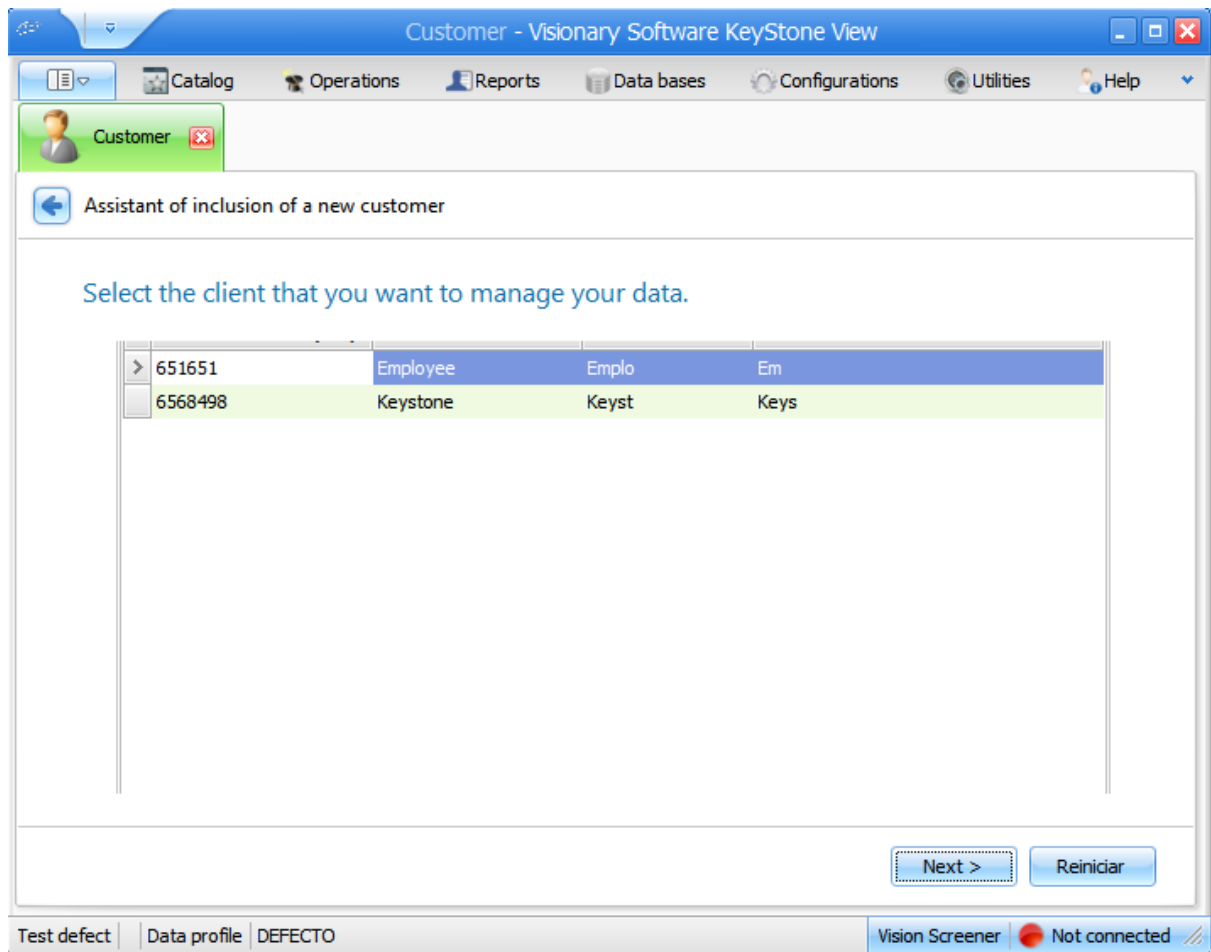
☒ Employee

Next > Reiniciar

Test defect | Data profile | DEFECTO | Vision Screener | Not connected

In this step, select the type of customer (student or employee) that will be used while performing the action from the previous step.

Search Step



The search step is shown only if the modify or delete action was selected. It shows the customer list (employees or students) stored in the database. Select the records that you wish to modify or delete.

Personal Information Step

In this stage of the wizard, personal information may be entered and modified. This step records general information used by both employees and customers.

The various parts of the wizard screen are explained below:

Screen Tab

Indicates the name of the currently open tab, and includes an icon for easy identification. If the active tab is no longer necessary, it can be closed by clicking on the "X".

Navigating Backwards

Beside the main wizard title is a left arrow button which can be used to navigate backwards in order to enter, revise, or update any information that was entered on previous screens.

Wizard Subtitle

The subtitle that identifies the current stage of the wizard. This subtitle will change at each stage of the wizard.

Enabled Text Fields

These are text fields that have been defined as required or optional in the selected Data Profile. Before moving to the next page of the wizard, all required fields must be completed, otherwise an error message will be shown that identifies the fields that must be completed.

Disabled Text Fields

These are text fields that have been disabled by an administrator via the active Data Profile.

Next and Restart Buttons

When the current step of the wizard has been completed, the user can continue to the next step by clicking the "Next" button. The "Restart" button may be used to completely restart the wizard in cases where there were errors with previous steps or if the user decides they no longer wish to perform the selected action.

Company Step

Customer - Visionary Software KeyStone View

Customer

Assistant of inclusion of a new customer

Information of the company that the client works

| | |
|---------------------|-----------------|
| Company | Select company |
| Supervisor | |
| Division | Select Division |
| Location | Select location |
| Department | |
| Job position | |
| Date of recruitment | 23/01/2014 |
| Cessation date work | 23/01/2014 |
| Marital status | |
| Driver LIC | |

Address (work)

| | |
|----------|----------------|
| Country | Select country |
| State | Select State |
| City | |
| Zip code | |
| Address | |
| Phone | |
| Ext | |
| Fax | |
| Ext | |

Next > Reiniciar

Test defect Data profile DEFECTO Vision Screener Not connected

In the above example, we see that all of the fields have been disabled by the active Data Profile. This step of the wizard is requesting Company data; it is only shown when "Employee" is selected as the customer type.

Educational Center Step

Customer - Visionary Software Keystone View

Customer

Assistant of inclusion of a new customer

Educational customer information

Information school

Educational Center

Student number

Contact school

Grade school

Classroom number

Notes

Person in charge of Personal information

Identification Card

Title

First name

Middle Name

Last name

Date of birth

Gender

Email

Responsible for 1

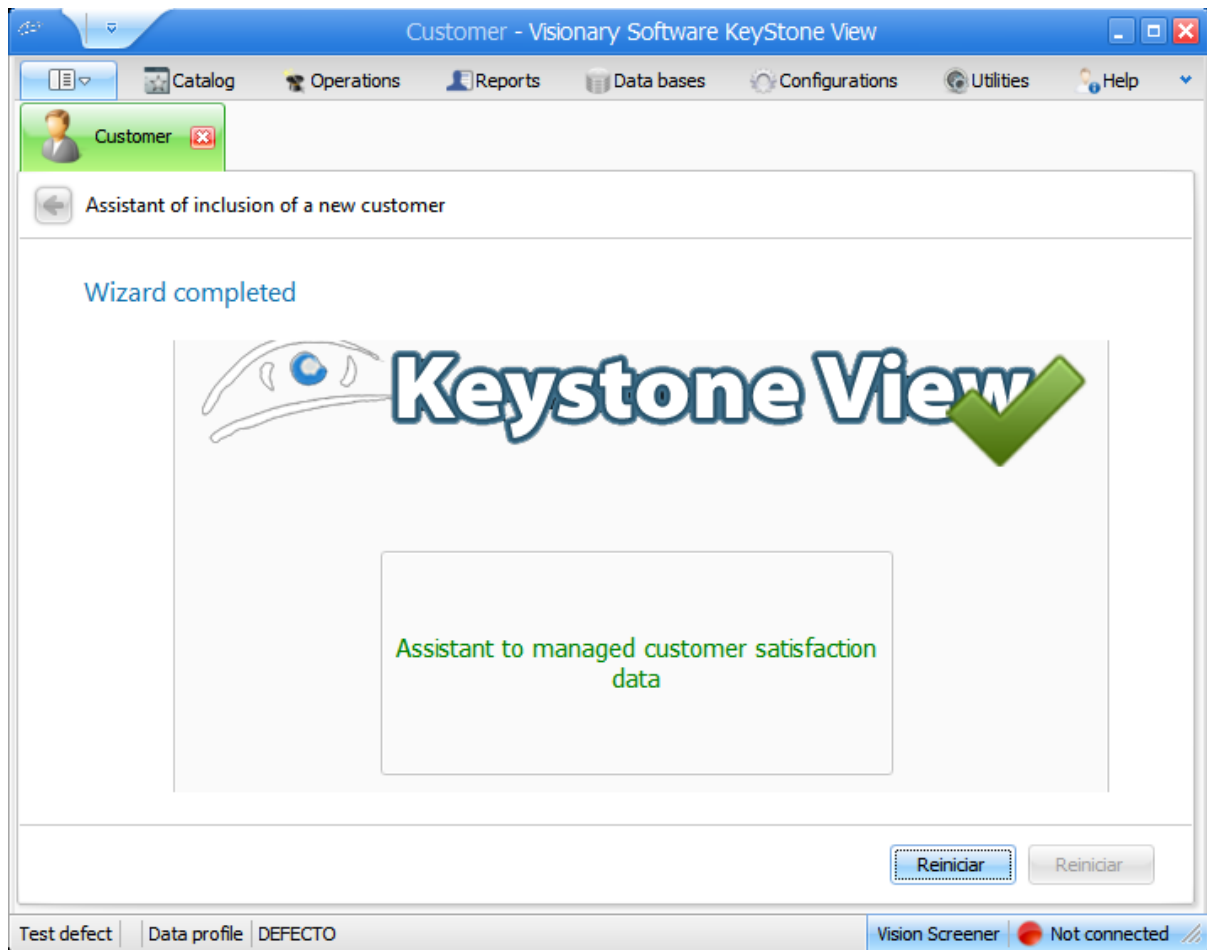
Responsible for 2

Next > Reiniciar

Test defect Data profile DEFECTO Vision Screener Not connected

This step of the wizard is shown when "Student" is selected as the customer. It requests information about the student's school / educational center.

Conclusion Step



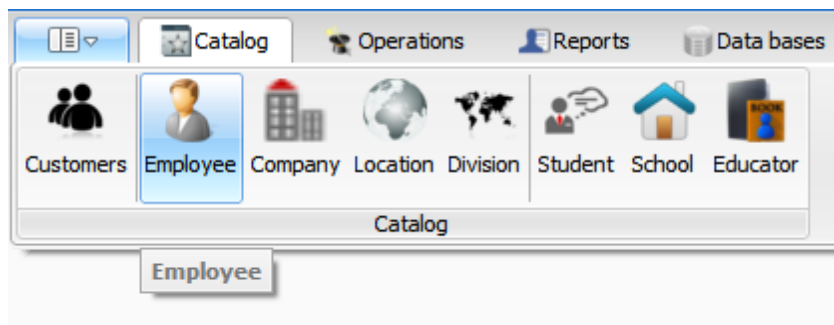
The wizard has finished and saved the data entered in the previous steps. The wizard may now be closed if it is no longer needed, or it may be restarted to begin a new action.

3.2.2 Staff

3.2.2.1 Employee

Employee


This part of the Keystone View Visionary 2013 Software stores data about employees. Generally these functions are used when the vision screenings are designed for use at one or more companies or organizations.




The "Employee" button is located within the "Catalog" tab, next to "Customers". Clicking on "Employee" will bring up the following screen, which is similar to the Customer Wizard, but is specific to employees.

Staff Section

N° 000000

 Staff

 Company

Personal information

| | |
|---|---------------------------------|
| Identification Card <input type="text"/> | First name <input type="text"/> |
| Middle name <input type="text"/> | Last name <input type="text"/> |
| License driver <input type="text"/> | Title <input type="text"/> |
| Date. Birth <input type="text" value="23/01/2014"/> | Gender <input type="text"/> |
| Marital status <input type="text"/> | |

Location

| | |
|---|---|
| Country <input type="text" value="Select country"/> | State <input type="text" value="Select State"/> |
| City <input type="text"/> | Zip code <input type="text"/> |
| Phone (Local) <input type="text"/> | Ext <input type="text"/> |
| Phone (cell) <input type="text"/> | Ext <input type="text"/> |
| Exact address <input type="text"/> | |

New

Save

Modify

Delete

To find

Company Section

The screenshot shows the 'Company information' form within the software. The form is titled 'Company information' and has two tabs: 'Company' (selected) and 'Location'. The 'Company' tab contains the following fields:

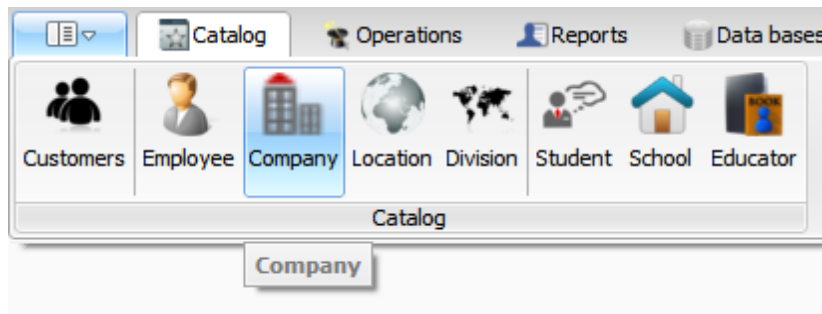
- Company: A dropdown menu with the text 'Select company'.
- Supervisor: A text input field.
- Division: A dropdown menu with the text 'Select Division'.
- Location: A dropdown menu with the text 'Select location'.
- Department: A text input field.
- Work: A text input field.
- Home recruitment: A date field with the value '23/01/2014'.
- isation recruitment: A date field with the value '23/01/2014'.

At the bottom of the form, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'.

3.2.2.2 Company

Company

This part of the Keystone View Visionary 2013 Software stores data for customers who are employed by or have a relationship with a company. Generally these functions are used when the vision screenings are designed for use at one or more companies or organizations.



The following screens can be accessed from the "Catalog" tab by clicking on "Company".

Company Section

Company - Visionary Software KeyStone View

Company

Insurance company

N* 000000

Company information

Unique ID

Name

Nature

Name contact

Email

Notes

Location

Physics

Country

State

City

Zip code

Address

Phone Ext

Fax Ext

New Save Modify Delete To find

Test defect | Data profile | DEFECTO | Vision Screener | Not connected

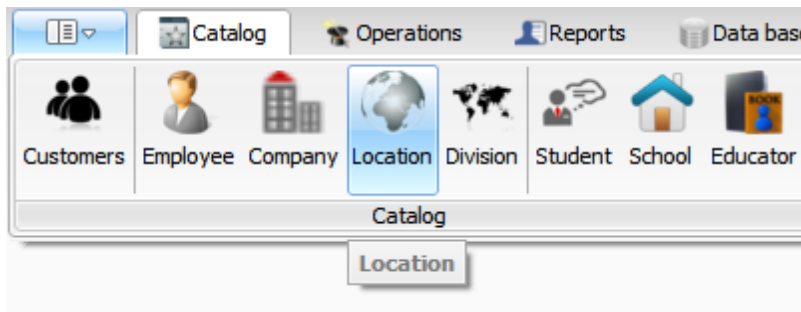
Company Insurance Section

The screenshot displays the 'Company - Visionary Software KeyStone View' application window. The main menu bar includes 'Catal', 'Operatio', 'Repor', 'Data bas', 'Configuratio', 'Utiliti', and 'H'. A 'Company' tab is active, showing a sub-tab for 'Insurance company'. The central area is titled 'The insurance information' and contains two columns of input fields. The left column includes 'Carrier', 'Contact', 'Email', 'Policy Number', 'Class', 'Effective Date' (set to 23/01/2014), and 'Expiration date' (set to 23/01/2014). The right column, titled 'Location of the insurer', includes 'Country' (Select country), 'State' (Select State), 'City', 'Zip code', 'Address' (with a dropdown arrow), 'Phone' and 'Ext' fields, and 'Fax' and 'Ext' fields. At the bottom, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

3.2.2.3 Location

Location

This part of the Keystone View Visionary 2013 Software stores location data for customers who are employed by or have a relationship with a company. Generally these functions are used when the vision screenings are designed for use at one or more companies or organizations.



The following screen can be accessed from the "Catalog" tab by clicking on "Location".

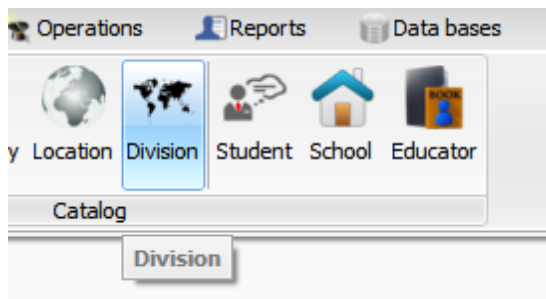
Main Section

A screenshot of the 'Location - Visionary Software KeyStone View' window. The window has a blue title bar and a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. A green 'Location' button with a globe icon is in the top left. The main area contains a form with two columns. The left column has fields for 'Company' (a dropdown menu), 'Description', 'Contact', 'Email', and 'Notes' (a text area). The right column has fields for 'Country' (a dropdown menu), 'State' (a dropdown menu), 'City', 'Zip code', 'Address' (a text field with a location pin icon), 'Phone (work)', 'Ext', 'Phone (Fax)', and 'Ext'. Below the form are five buttons: 'New' (a document icon), 'Save' (a floppy disk icon), 'Modify' (a pencil icon), 'Delete' (a trash can icon), and 'To find' (a magnifying glass icon). The bottom status bar shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

3.2.2.4 Division

Division

This part of the Keystone View Visionary 2013 Software stores company division data for customers who are employed by or have a relationship with a company. Generally these functions are used when the vision screenings are designed for use at one or more companies or organizations.



The following screen can be accessed from the "Catalog" tab by clicking on "Division".

Main Section

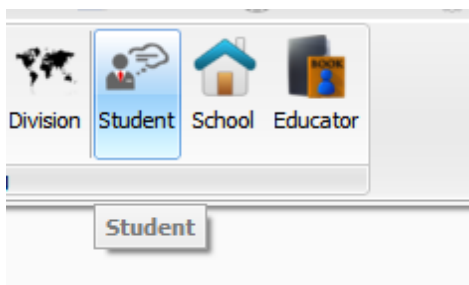
A screenshot of the 'Division - Visionary Software KeyStone View' main section. The window has a blue title bar and a menu bar with 'Catalog', 'Operations', 'Reports', 'Data bases', 'Configurations', 'Utilities', and 'Help'. A green 'Division' button is in the top left. The main area contains a form with two columns. The left column has fields for 'Company' (a dropdown menu), 'Description', 'Contact', 'Email', and 'Notes' (a text area). The right column is titled 'Location' and has fields for 'Country' (dropdown), 'State' (dropdown), 'City', 'Zip code', 'Address' (with a location pin icon), 'Phone (work)', 'Phone (Fax)', and 'Ext' (for both phone numbers). At the bottom of the form are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'. The status bar at the bottom shows 'Test defect', 'Data profile', 'DEFECTO', 'Vision Screener', and 'Not connected'.

3.2.3 Students

3.2.3.1 Student

Student

This part of the Keystone View Visionary 2013 Software stores data about students. Generally these functions are used when the vision screenings are designed for use at one or more schools, learning institutions, or colleges.



The "Student" button is located within the "Catalog" tab. Clicking on "Student" will bring up the following screen, which is similar to the Customer Wizard, but is specific to students.

Main Section

Catalogue of students - Visionary Software KeyStone View

Catalog Operations Reports Data bases Configurations Utilities Help

Catalogue of students

Personal data Educational customer information

Identification Card

Title

First name

Middle Name

Last name

Date. Birth 23/01/2014

Gender

Geographic location

Country Select country

State Select State

City

Zip code

Exact address

Phone (Local) Ext

Phone (cell) Ext

New Save Modify Delete To find

Test defect Data profile DEFECTO Vision Screener Not connected

Educational Section

Catalogue of students - Visionary Software KeyStone View

Catalog Operations Reports Data bases Configurations Utilities Help

Catalogue of students

Personal data Educational customer information

Information school

Educational Center

Student number

Contact school

Grade school

Classroom number

Notes

Staff Location

Person in charge of Personal information

Identification Card

Title

First name

Middle Name

Last name

Date. Birth

Gender

Email

Responsible for 1 Responsible for 2

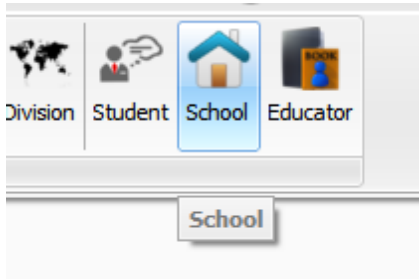
New Save Modify Delete To find

Test defect Data profile DEFECTO Vision Screener Not connected

3.2.3.2 School

School

This part of the Keystone View Visionary 2013 Software stores data about schools. Generally these functions are used when the vision screenings are designed for use at one or more schools, learning institutions, or colleges.



The "School" button is located within the "Catalog" tab. Clicking on "School" will bring up the following screen.

Main Section

Institution - Visionary Software KeyStone View

Catalog Operations Reports Data bases Configurations Utilities Help

Institution

Information of the institution

Name

Type

Director

Assistant principal

Tutor

Nurse

Email

Notes

Geographic location

Physics Mail

Physical location

Country

State

City

Zip code

Address

Phone Ext

Fax Ext

New Save Modify Delete To find

Test defect Data profile DEFECTO Vision Screener Not connected

3.2.3.3 Educator

Educator

This part of the Keystone View Visionary 2013 Software stores data about educators. Generally these functions are used when the vision screenings are designed for use at one or more schools, learning institutions, or colleges.



The "Educator" button is located within the "Catalog" tab. Clicking on "Educator" will bring up the following screen.

Main Section

Educator - Visionary Software Keystone View

Catalog Operations Reports Data bases Configurations Utilities Help

Personal information

Identification Card

First Name

Middle Name

Last name

Gender

Title

Date of birth 23/01/2014

Grade level

Educational Center

Educational Center

Classroom number

Position

Location

Country

State

City

Zip code

Address

Phone Ext

Phone (Fax) Ext

Email

Notes

New Save Modify Delete To find

Test defect Data profile DEFECTO Vision Screener Not connected

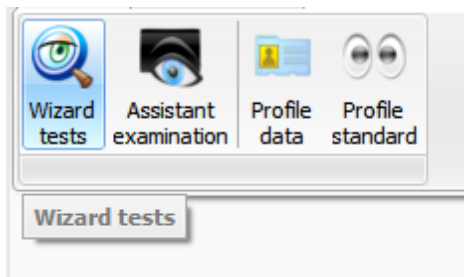
3.3 Operations

3.3.1 Screenings

3.3.1.1 General

Test Wizard

The Keystone View Visionary 2013 Software has the ability to create custom vision screenings. A series of "tests" can be chosen to create an "exam" to perform the screening.

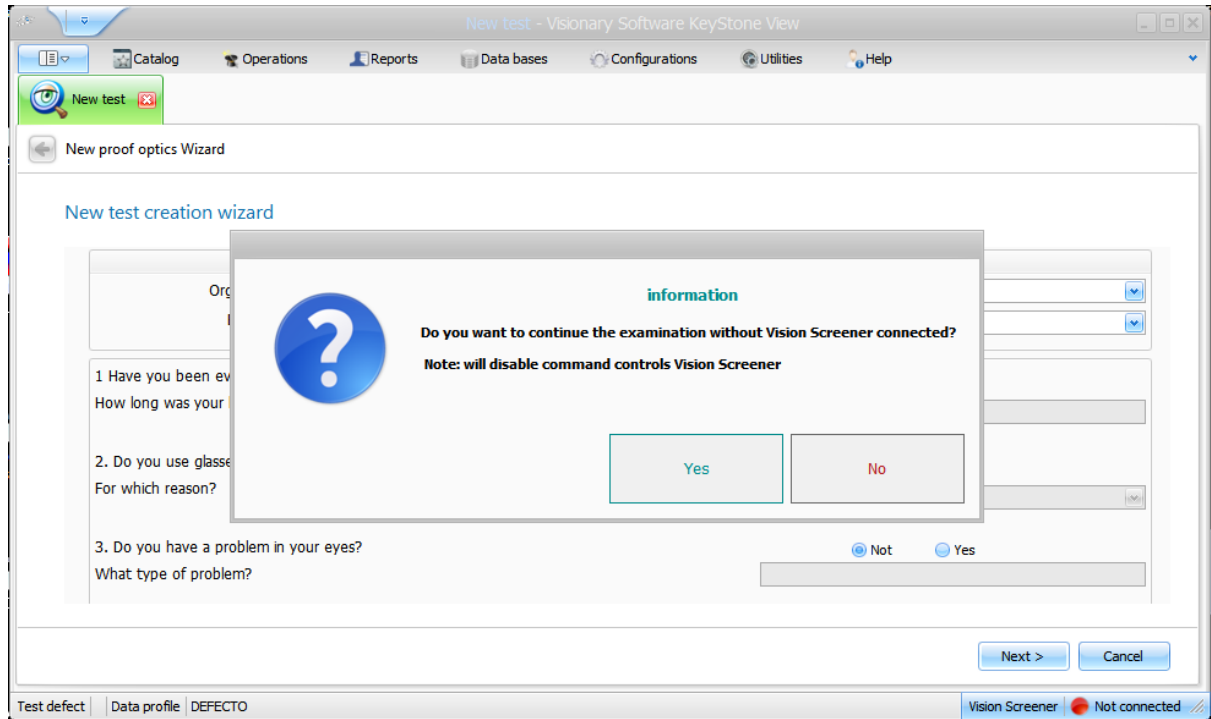


The Test Wizard is located in the "Operations" category.

Initiating the Screening

This section is essential because it indicates which tests to conduct and how they will be evaluated. Information about the customer's vision history is also recorded here.

Tests section



This screen will be shown if the vision screener is not connected to the computer.

The screenshot displays the 'New test - Visionary Software KeyStone View' window. The 'New proof optics Wizard' is active, showing the 'Right Eye: Acuity (Day / Far)' test. The test details include: # Test 1, Name 651651 Employee Emplo Em, and Exam VS5 Defecto. The 'General information' section contains the question: 'Here are nine blocks with numbers in them. Please read the numbers in the first block of the top row.' and the passing criteria: 'If five of the six numerals are correctly identified, the subject is considered as having 20-20 acuity in the right eye and need not read further. If the first block is not correctly read, have the subject continue across each row consecutively from left to right until the numbers in a block are called correctly.' The 'Symbology' section shows a red dot indicating 'The fee!! It has not passed the test' and a green dot indicating 'Excellent! You can pass to the next test.' The 'Answers' section lists three lines of numbers: Line 1 (20/20 = 547638, 20/25 = 428576, 20/30 = 943852), Line 2 (20/40 = 795823, 20/50 = 357248, 20/60 = 7236), and Line 3 (20/70 = 9574, 20/100 = 92, 20/200 = 5). A 'Does not respond' button is also present. The 'Test display image' section shows a 3x3 grid of numbers: Row 1 (A, B, C), Row 2 (7 5 6 8 2 3, 3 5 7 2 4 8, 7 2 3 6), and Row 3 (9 5 7 4, 9 2, 5). The 'Occlude left' button is red, and the 'Occludes right' button is green. The test number 'N* 0001' is displayed. The 'Next >' and 'Cancel' buttons are at the bottom right. The 'Vision Screener' status is 'Not connected'.

The above illustration shows how a test is displayed while performing a vision screening. At the top is the number of the current test, the client name, and the name of the type of screening in progress.

In the center left of the illustration the question and corresponding answer are shown, along with the symbology that shows the standard required in order to pass the test, as defined by the selected exam. It also shows which eye is being screened (occludes), and the test number. On the right is a guide which shows the image the customer is currently viewing.

Test Conclusion Section

New test - Visionary Software KeyStone View

Catalog Operations Reports Data bases Configurations Utilities Help

New test

New proof optics Wizard

Test completed successfully

Test 1

Name 651651 Employee Emplo Em

Standard Defecto

Date THURSDAY, JANUARY 23, 2014

Review VS5 Defecto

| Name of the test | Luminosity | Distance | State | Result |
|---------------------|------------|----------|-------|-----------------------------|
| > Right Eye: Acuity | Day | Far | ✗ | Do not pass the test: 20/50 |
| Left Eye: Acuity | Day | Far | ✓ | It passes the test: 20/25 |

Conclusion

A FREAK result message indicates the status of the examined eye is below the standards of healthy vision. The examinee must refer to a specialist.

Notes:

Save and print

Guardar la Prueba Cancel

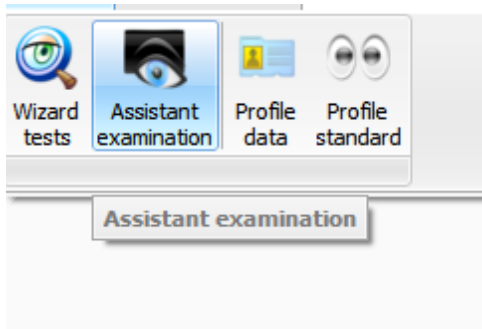
Test defect Data profile DEFECTO Vision Screener Not connected

This is the final screen of the Keystone View Visionary 2013 Software test wizard, which will show the data selected at the beginning such as customer name, type of screening and the standard used in the exam. It also shows a list of all tests performed and their status, and a text area for notes.

3.3.2 Examination

Exam Wizard

In the section, the Keystone View Visionary 2013 Software allows the user to select a series of "tests" to create a custom screening.



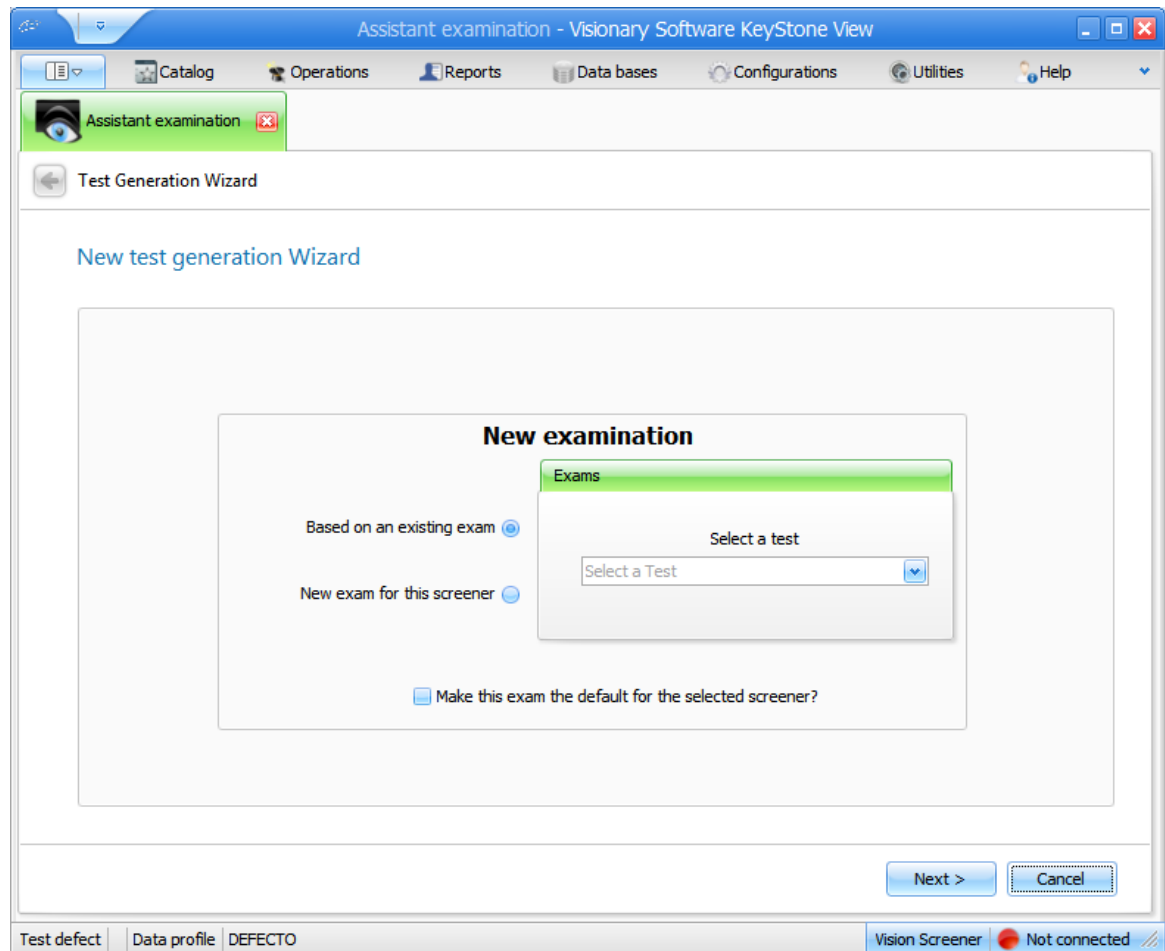
From the "Operations" tab, select "Exam Wizard".

Initial Section

Based on an existing exam

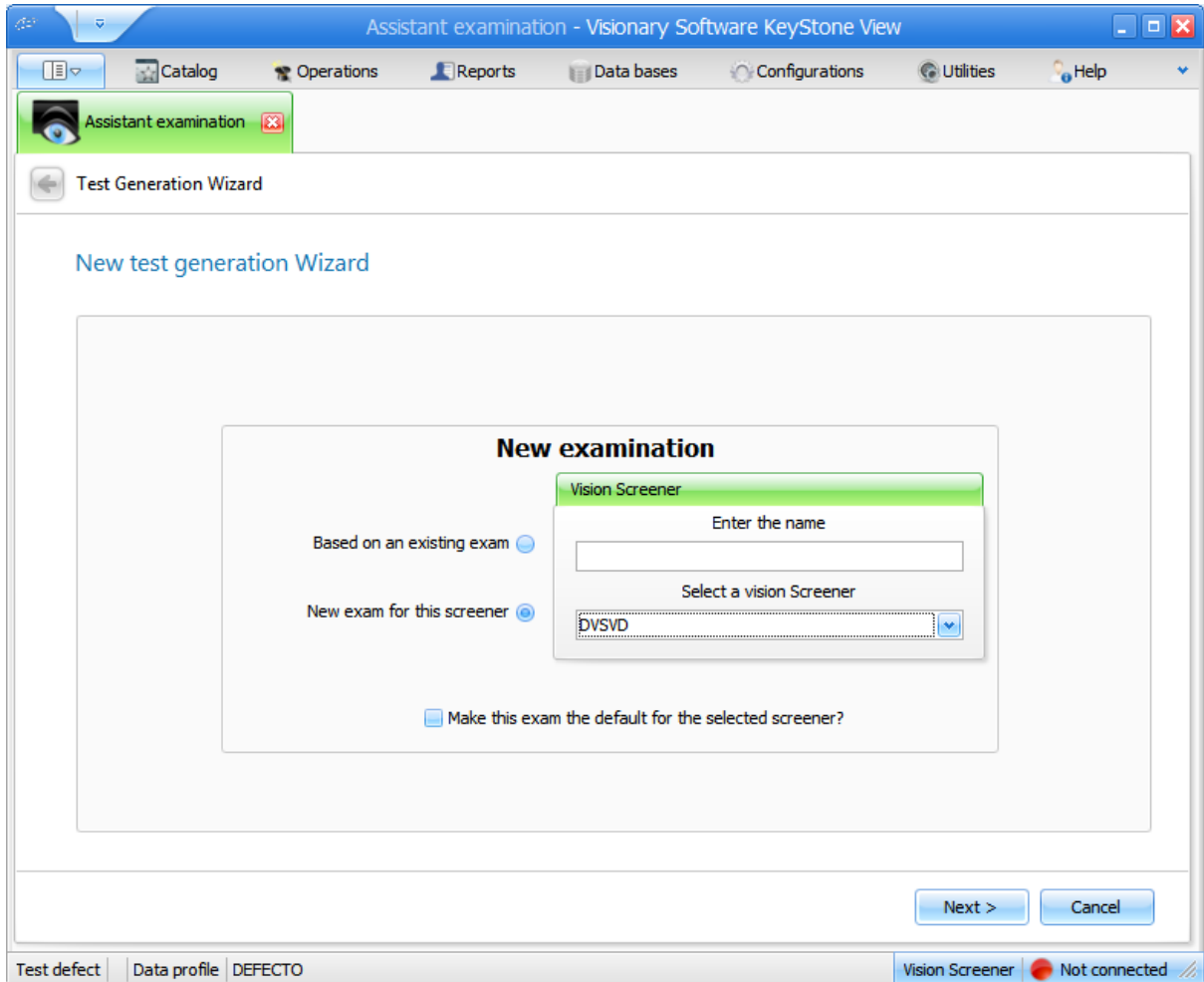
When creating a new exam based on an existing exam, you may modify or correct tests and test order.

Note: Several default exams are included, you may create custom exams based on them, but the original exams cannot be changed. New exams will appear in the existing exam section.



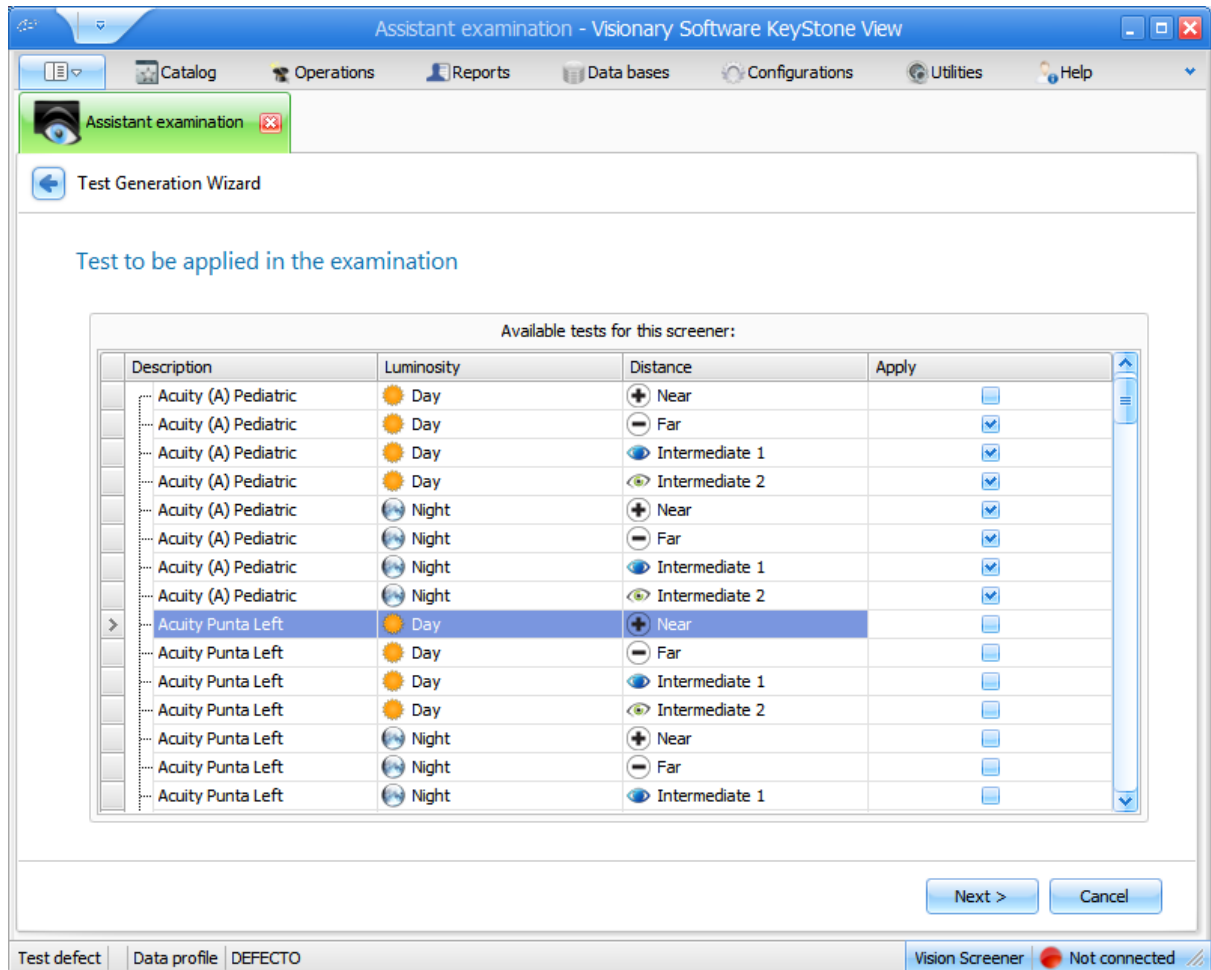
Based on a vision screener

When creating a new exam, indicate the name of the exam as well as the vision screener being used.



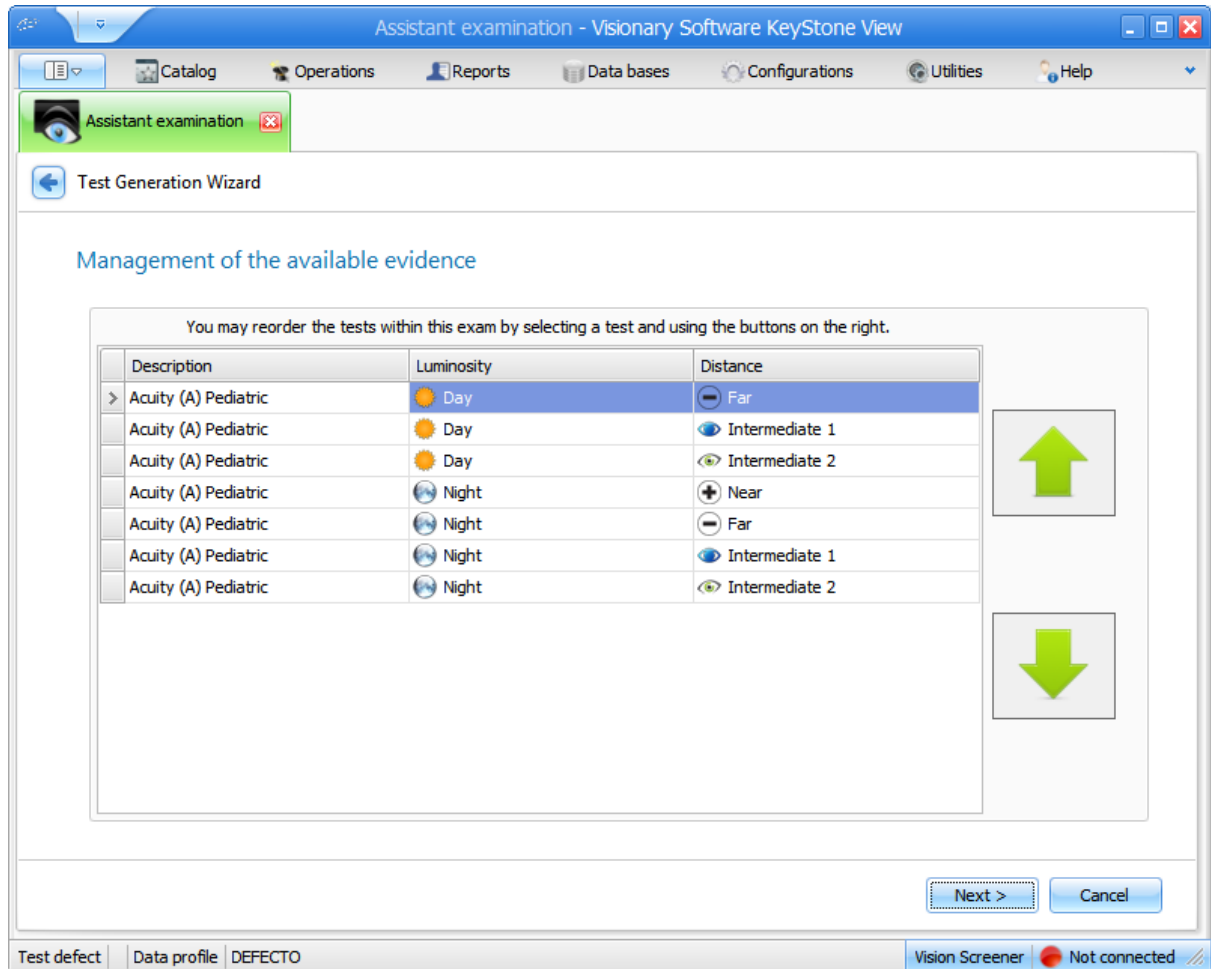
Test selection section

In this section, select which tests should be performed during the vision screening. While selecting tests, be careful that both luminosity and distance are correct.



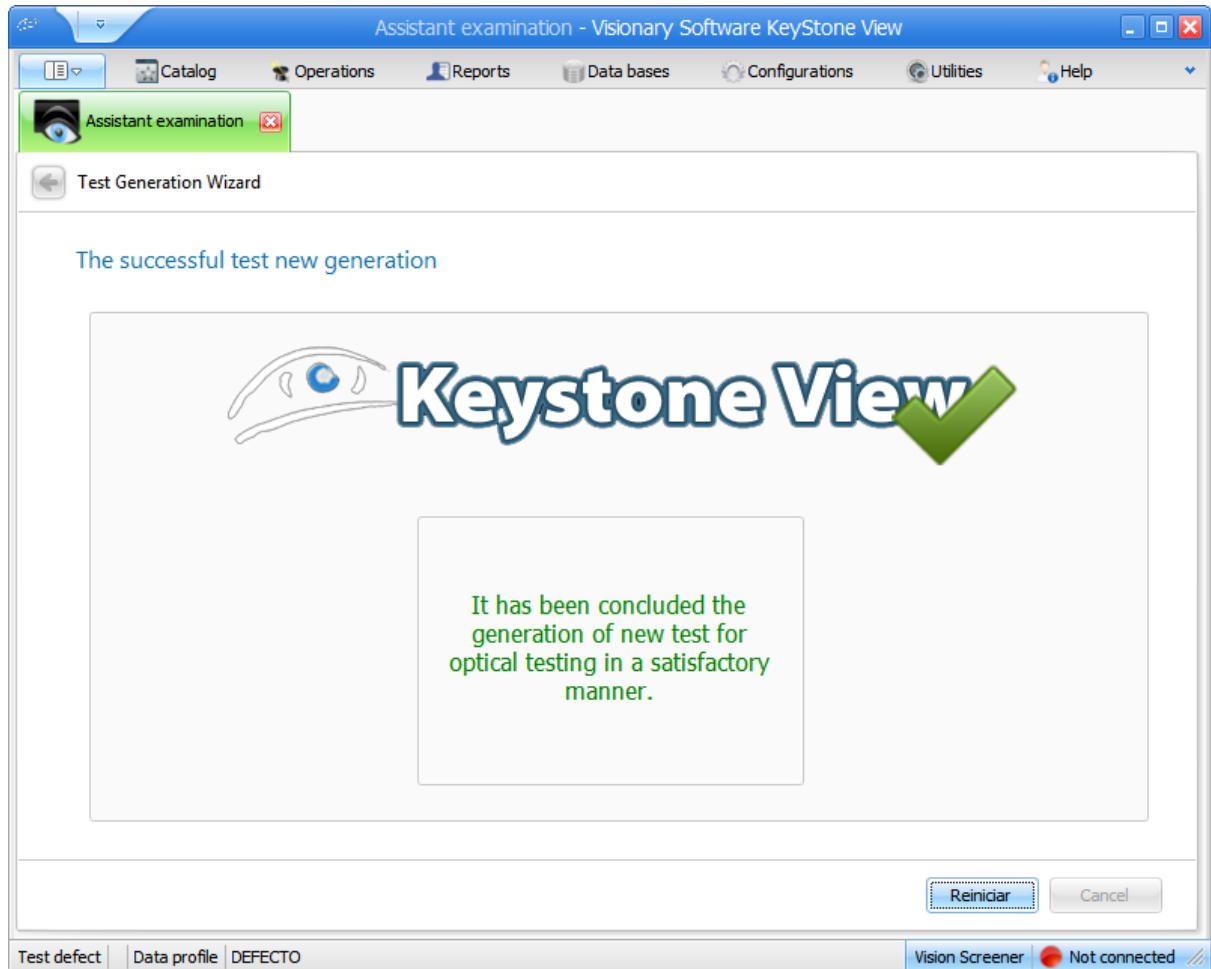
Test Order Section

Select a test and use the up or down arrows to modify the order as desired.



Final Section

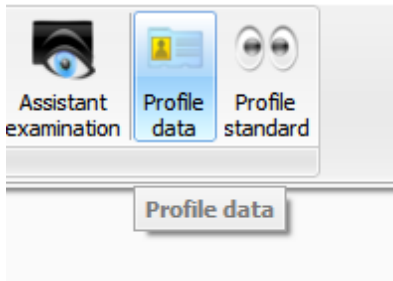
The final step of the wizard, showing that the new exam to be used for vision screening has been saved.



3.3.3 Data Profile

Data Profile

In the Keystone View Visionary 2013 Software, the data profile allows the user to indicate what customer data may be stored, and what customer data is required.



Under the "Operation" tab, click the "Profile data" button.

Initial Section

Welcome to the Profile Wizard of data


A screenshot of the 'Data Profile Wizard' dialog box. The dialog has a title bar and a main content area. The text inside reads: 'Welcome to the Data Profile Wizard. This wizard will configure the type of data that is collected from clients.' Below this text, there are two radio button options. The first option is 'Create a new profile named:' followed by a text input field. The second option is 'Modify an existing profile:' followed by a list box with a scroll bar and a small 'X' button in the bottom right corner of the list box.


Category Selection Section


Here you may indicate which categories of information you would like to collect.


Select the data that you want to get


Select the data you would like to collect:


Select all 


Employee 


-Company 

◆ Location 

◆ Division 

Student 

-School 



















-Teacher 

Field Selection Section

Here data fields can be set as optional or mandatory. Fields can also be disabled to prevent unnecessary data from being entered into the system.

Select the data that you want to show or request of Employee, -Company, ◆ Location

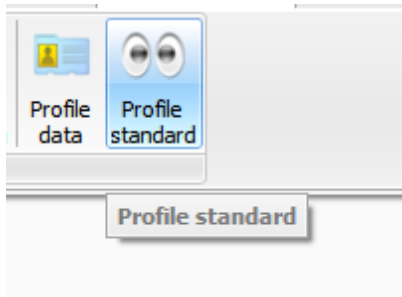
Select the data categories you would like to use. Then below the categories, select the data fields that are required.

| Field | Show | Required field |
|----------------|---|---|
| Company | | |
| FEIN |  |  |
| identification |  |  |
| name |  |  |
| name |  |  |
| nature |  |  |
| nature |  |  |
| Name Contact |  |  |
| Name Contact |  |  |
| email Address |  |  |

3.3.4 Vision Standard

Standard Profile

In this part of the Keystone View Visionary 2013 Software, the user may indicate the vision standard the client should meet.



From the "Operations" tab, click "Profile standard" to use this option.

Initial Section

The vision standards will be applied to the individual tests that will be performed in a vision screening, so the corresponding exam must already exist before creating a vision standard.

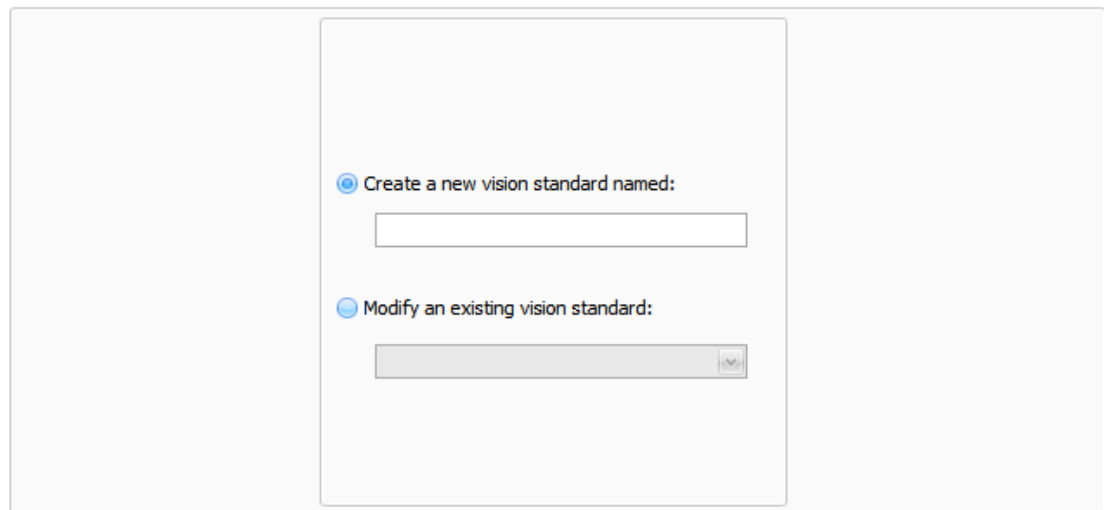
Welcome to the Vision standard Wizard

A screenshot of a wizard dialog box titled 'Welcome to the New Vision Standard Wizard. This wizard will assist in setting up passing levels for each test in an exam.' The dialog box contains a section titled 'Create a new standard for which exam?' with a dropdown menu showing 'VSS Defecto'. Below this, there is a checkbox labeled 'Make this standard the default?' which is currently unchecked.

Vision standard input and modification section

Here the user may create a new vision standard with a custom name, or modify an existing vision standard.

[Specify a new filter, or select an existing one](#)



The form is a light gray rectangular box containing two radio button options. The first option, 'Create a new vision standard named:', is selected and followed by a text input field. The second option, 'Modify an existing vision standard:', is unselected and followed by a dropdown menu with a small arrow icon on the right.

☒ Create a new vision standard named:

☐ Modify an existing vision standard:

Edit Section

By clicking the button that appears in a selected row, you may modify the standard by which the test is scored.

Modify standards of Vision

Click on the standard view that you want to modify for each test

| Description | Luminosity | Distance | Standard Vision |
|----------------------------|------------|----------|-----------------------|
| > Right Eye: Acuity | ☀ Day | ⊕ Near | 20/30 |
| Right Eye: Acuity | ☀ Day | ⊖ Far | 20/30 |
| Left Eye: Acuity | ☀ Day | ⊕ Near | 20/30 |
| Left Eye: Acuity | ☀ Day | ⊖ Far | 20/30 |
| Phoria (Eye Co-Ordination) | ☀ Day | ⊕ Near | 1.5 - 5.5 / 3.5 - 5.5 |
| Phoria (Eye Co-Ordination) | ☀ Day | ⊖ Far | 1.5 - 5.5 / 3.5 - 5.5 |
| Fusion | ☀ Day | ⊕ Near | Three balls |
| Fusion | ☀ Day | ⊖ Far | Three balls |
| Stereopsis | ☀ Day | ⊕ Near | L-3. Cruz |
| Stereopsis | ☀ Day | ⊖ Far | L-3. Cruz |
| Both Eyes: Acuity | ☀ Day | ⊕ Near | 20/30 |

3.4 Reports

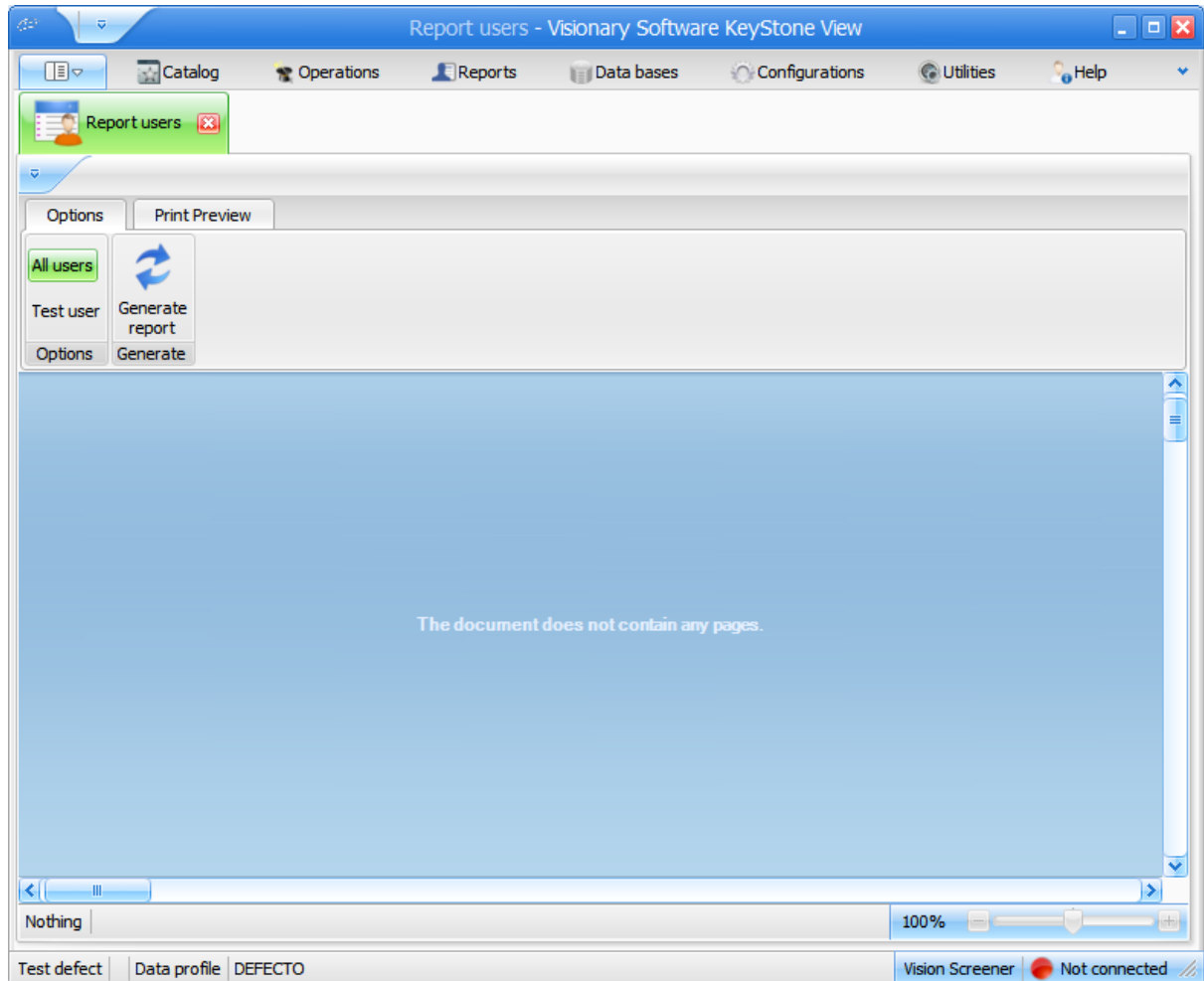
Reports

The Keystone View Visionary 2013 Software has a series of controls for printing, sending, and displaying reports.

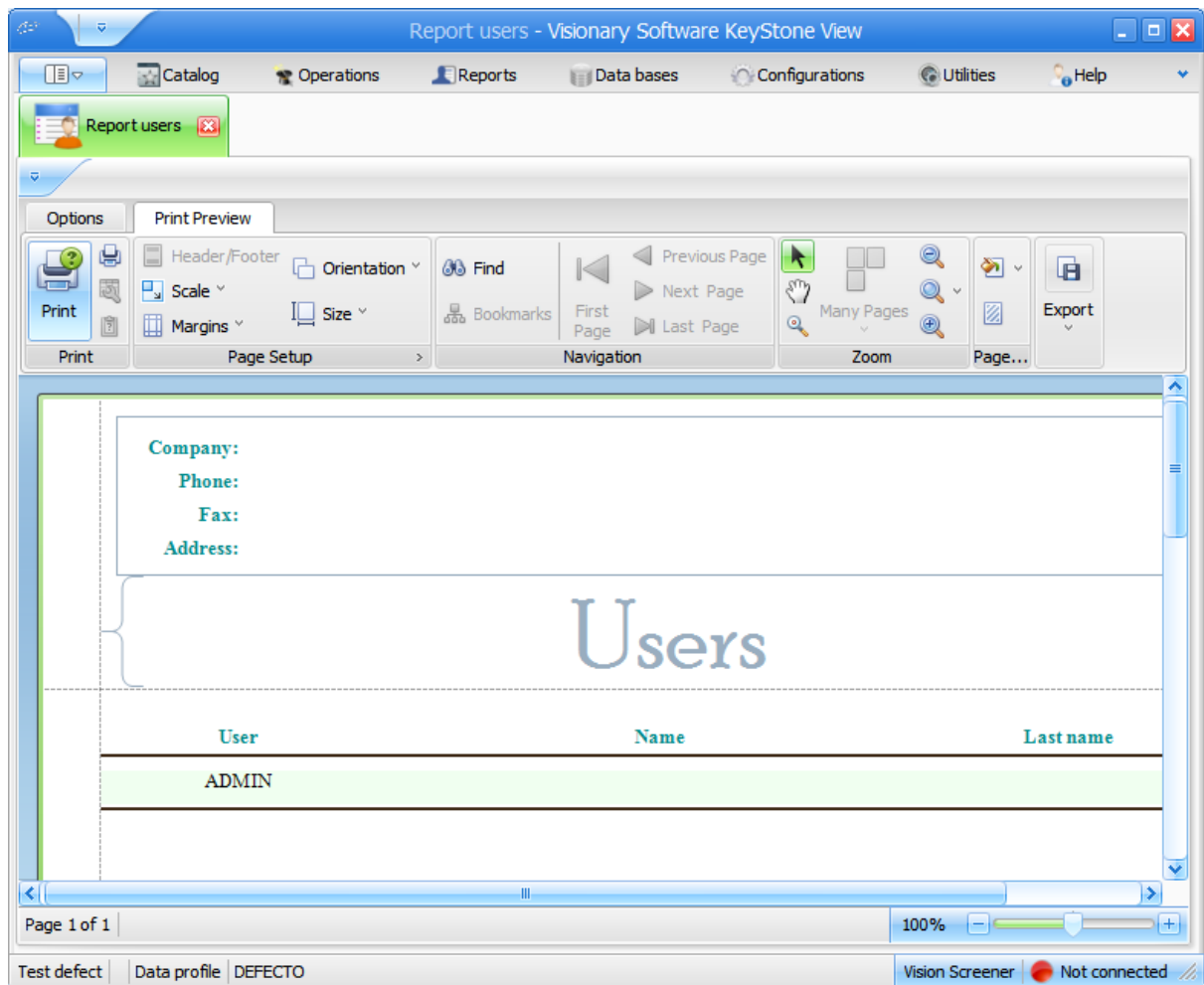


To create reports, click on the "Reports" tab.

Report Generation Section



Report Visualization Section

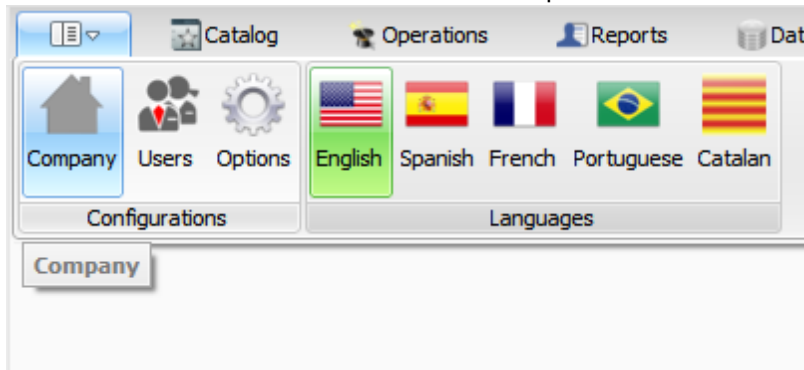


3.5 Utilities

3.5.1 Company

Company

This section concerns the company that owns the Keystone View vision screening equipment. Information entered here will be shown in the report headers.



The following screens can be seen by clicking on the "Utilities" tab followed by the "Options" button.

Main Section

A screenshot of the 'Company information' dialog box. The dialog has a title bar with a 'Company' icon and a close button. Inside, there are two tabs: 'Basic' (green) and 'Location' (blue). The 'Basic' tab is selected. It contains two text input fields: 'Identification of the company' with the value '1' and 'Name of the company' with the value 'Keystoneview'. Below these fields is a 'Logo' label and a drawing of an eye. At the bottom, there is a 'Save' button with a floppy disk icon.

Note: To modify the logo right click on the Keystone View image and select "open". A window will open where a custom image can be chosen.

Location Section

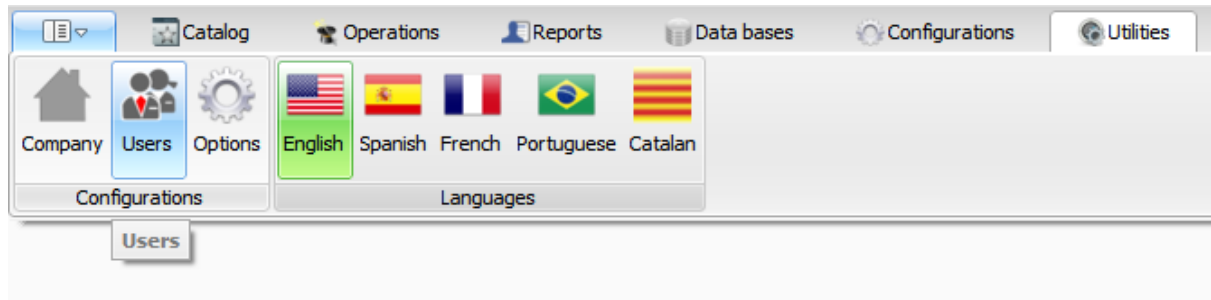
The screenshot shows a software window titled "Company" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the window, there is a tabbed interface for "Company information". The "Basic" tab is selected, indicated by a house icon and a blue background. The "Location" tab is highlighted with a green background and a globe icon. The "Location" tab contains several input fields: "Country" (a dropdown menu with "Select a country"), "State" (a dropdown menu with "Select a State"), "City" (a text box), "Zip code" (a text box), "Exact address" (a large text area with a vertical scrollbar), "Phone" (a text box), "Ext" (a small text box), "Fax" (a text box), "Ext" (a small text box), and "Email" (a text box). At the bottom center of the window is a large blue button with a floppy disk icon and the text "Save".

| Company information | |
|---------------------|------------------|
| Basic | Location |
| Country | Select a country |
| State | Select a State |
| City | |
| Zip code | |
| Exact address | |
| Phone | |
| Ext | |
| Fax | |
| Ext | |
| Email | |
| Save | |

3.5.2 Users

Users

This section is designed to manage Keystone View Visionary 2013 Software users, who have the ability to access and manipulate system information.







The following screens can be accessed under the "Utilities" tab by clicking on the "Users" button.

Personal section

The screenshot shows the 'User information' form. At the top, there are four tabs: Staff, Location, Contact, and Security. The 'Staff' tab is selected. Below the tabs, there are three text input fields: 'First name', 'Middle name', and 'Last name'. Below these fields, there is a checkbox labeled 'Active user'. At the bottom of the form, there are five buttons: 'New', 'Save', 'Modify', 'Delete', and 'To find'.

Location section

User information

 Staff  Location  Contact  Security

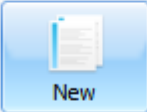

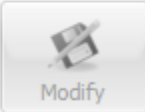
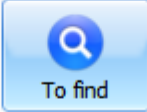
City

Country

Zip code





State

Exact address

 New  Save  Modify  Delete  To find

Contact section



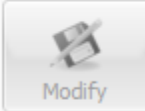
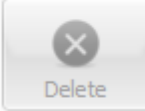
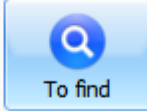
User information

 Staff  Location  Contact  Security

Phone

Fax

Email

 New  Save  Modify  Delete  To find

Security section

User information

 Staff

 Location

 Contact

 Security

Name of user

Password

Confirm password

Level of security 

 New

 Save

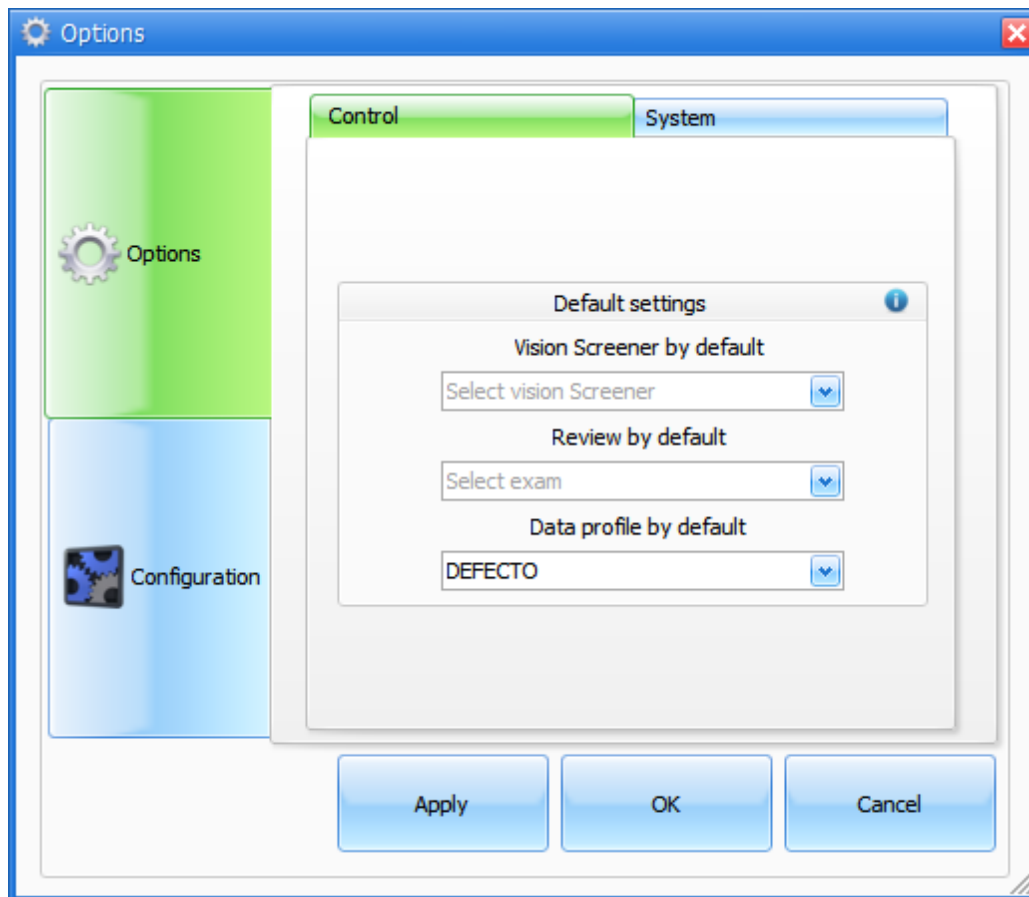
 Modify

 Delete

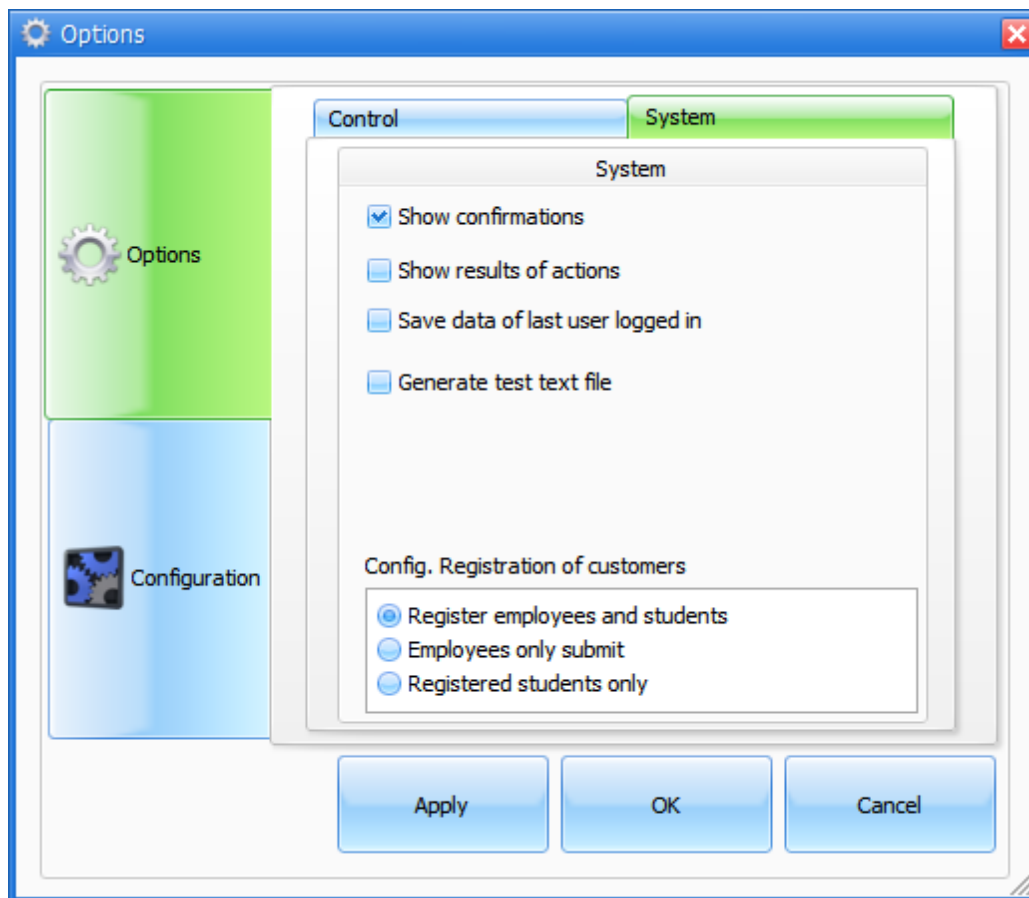
 To find

3.5.3 Options

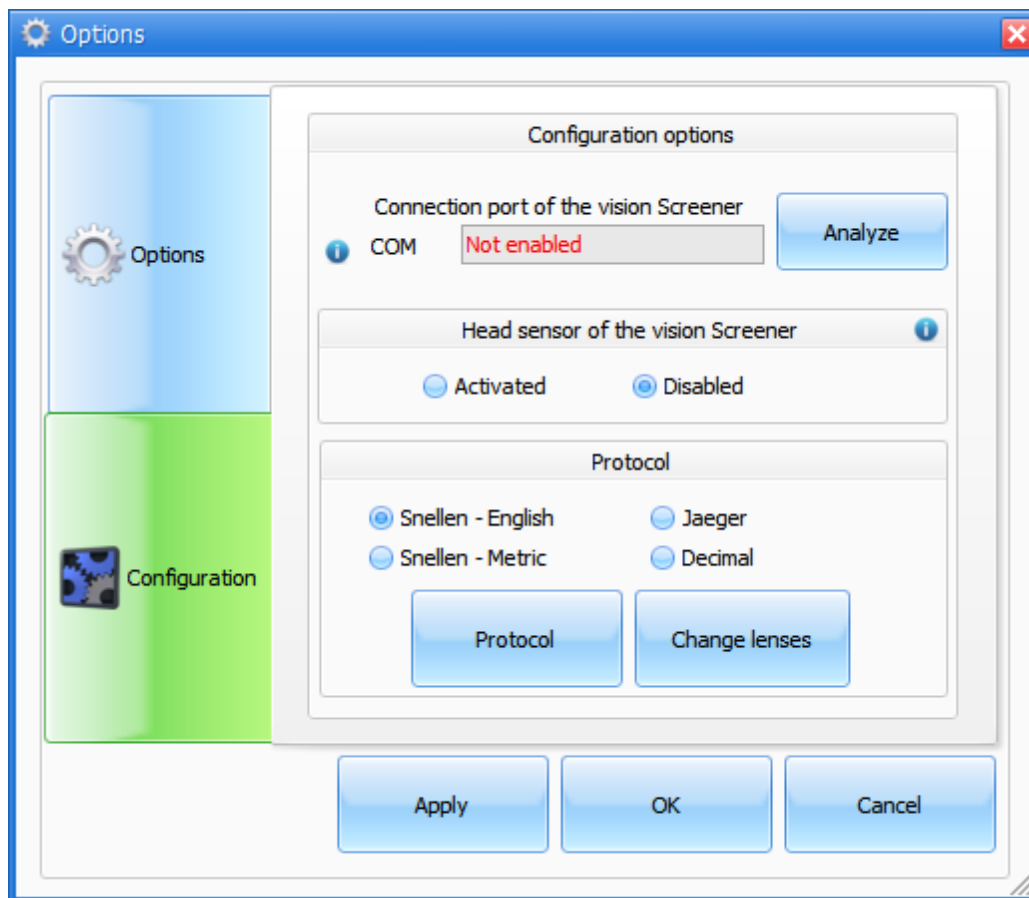
This section contains general options for configuring and controlling how the Keystone View Visionary 2013 Software works. In order to access the following screens, under the "Utilities" tab, click the "Options" button.



Here the user can select the default vision screener as well as the default exam ([see details](#)) and default data profile ([see details](#)).



In this screen the user can select the types of messages to display, ([see details](#)), as well as choose the customer type.

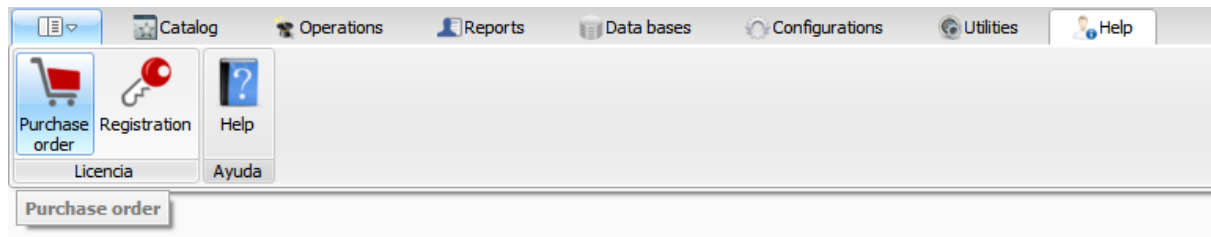


The above screen shows configuration options for the vision screener and the screening protocol. If the vision screener is connected via a serial connection, the COM port can be selected. Next, the head sensor, which will turn on the vision screener only when the client's head is in position, may be enabled or disabled. The user may also choose which protocol to use for the screenings.

3.6 Help

3.6.1 Purchase Order

In this section the user can complete a purchase order to continue enjoying the safety, quality, and comfort offered by the Keystone View Visionary 2013 Software.



To access the purchase order screen, click the "Help" tab, then click the "Purchase order" button.

To complete the purchase order, fill out the above fields with purchaser and credit card information, then click the "Complete purchase order" button. The Keystone View Visionary 2013 Software is sold for the low price of only \$500 USD.